

20031210.qrp v03_n130.qrl.20031210

Date: Wed, 10 Dec 2003 19:03:08 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 3130

QRP-L Digest 3130

Topics covered in this issue include:

- 1) [162647] Selling Stuff
by "Ron Pyle" <raple@gwtc.net>
- 2) [162648] Re: LAB, Sulfated plates.
by Steve Jackman <santaj672@earthlink.net>
- 3) [162649] ScQRPion Paddle: Shoulder washer clearance
by Steve Smith <sigcom@juno.com>
- 4) [162650] CW Improvment Booklet & ScQRPion Paddle
by "Ron KU7Y" <ku7y@tds.net>
- 5) [162651] Fwd: Christmas Sunset
by Ed Tanton <n4xy@earthlink.net>
- 6) [162652] N6WG 2003 CQ WW 160m Contest Results
by "Bob Tellefsen" <n6wg@earthlink.net>
- 7) [162653] Re: LAB, Sulfated plates.
by Peter Burbank <peterlee@qx.net>
- 8) [162654] Re: Speaking of bargains (More MFJunk)
by John Kalotai <n1olo@yahoo.com>
- 9) [162655] Iowa QRP Club CW Net
by Mark Milburn <mark.milburn@ispwest.com>
- 10) [162656] Re: ScQRPion Paddle: Shoulder washer clearance
by Karl Larsen <k5di@zianet.com>
- 11) [162657] WTD: 2N930, 2N2369 transistors
by "Howard Kraus" <K2UD@adelphia.net>
- 12) [162658] WB8RCR's PIC tutorial--A class act!
by "Paul Stroud" <aa4xx@bellsouth.net>
- 13) [162659] Re: LAB, Sulfated plates.
by "Bill Smith" <billsmith@ispwest.com>
- 14) [162660] Re: LAB, Sulfated plates.
by Lee Mairs <lmairs@direcway.com>
- 15) [162661] Pic-El kit?
by <n2go@arrl.net>
- 16) [162662] RE: selling stuff
by "Ron Pyle" <raple@gwtc.net>
- 17) [162663] RE: [qrp-l] Slug tuned coil winding question.
by "Nick Kennedy" <wa5bdu@tcaineternet.com>
- 18) [162664] FOX: Band is Stinko!
by Karl Larsen <k5di@zianet.com>
- 19) [162665] Foxes

- by "Alan Fryer" <N3BJ@hotmail.com>
- 20) [162666] foxes?
by <k5oi@cox.net>
- 21) [162667] FOX: TWOFER
by "Tom Palmer" <n1tp@swfla.rr.com>
- 22) [162668] Re: Cable Modem Interference
by John Seboldt <k0jd-1@seboldt.net>
- 23) [162669] FOX: The Problem
by Karl Larsen <k5di@zianet.com>
- 24) [162670] Re: foxes?
by "Sam Binkley" <sbinkley1@cox.net>
- 25) [162671] Fox: Got one! K5TR...
by tjennin2@rochester.rr.com
- 26) [162672] Re: YAHOO emails
by John Seboldt <k0jd-1@seboldt.net>
- 27) [162673] RE: Foxes
by "Andreas Junge - ARRL.NET" <n6nu@arrl.net>
- 28) [162674] RE: My new HDTV radiates...any rfi suggestions.
by "Paul Ermisch" <paul@ermisch.com>
- 29) [162675] Re: Fox: Got one! K5TR...
by Garie Halstead K8KFJ <khyberpass65@yahoo.com>
- 30) [162676] One so far!
by "Lawrence Makoski" <Makos327@worldnet.att.net>
- 31) [162677] What a day
by "Bob Baxter" <rbaxter@cybertrails.com>
- 32) [162678] Re: Foxes
by "Bob Schreibmaier" <k3ph@ptd.net>
- 33) [162679] Trade?
by "john gabbard" <johngabbard@usintouch.com>
- 34) [162680] fox: W8RU
by "Walt Amos" <waltk8cvamos@aaaahawk.com>
- 35) [162681] Re: What a day
by Lloyd Lachow <llachow@yahoo.com>
- 36) [162682] Re: YAHOO emails
by w9ya <w9ya@arrl.net>
- 37) [162683] RE: What a day
by David Simmons <dsimmons@macromedia.com>
- 38) [162684] Antenna (and 50 dB issue)
by ARDUJENSKI@aol.com
- 39) [162685] SQR Pion Paddle (Cable Strain Relief Spring)
by wo7t@juno.com
- 40) [162686] FOX: What an Evening!
by "George, W5YR" <w5yr@att.net>
- 41) [162687] Re: YAHOO emails
by "Mike Yetsko" <myetsko@insydesw.com>
- 42) [162688] Re: Speaking of bargains (More MFJunk)
by "KXBill" <KXB-1@cox.net>
- 43) [162689] Re: FOX: The Problem

by Peter Burbank <peterlee@qx.net>
44) [162690] FOX: What an evening
by "Tom Palmer" <n1tp@swfla.rr.com>
45) [162691] FOX: K5TR Log for 9-Dec-2003
by George Fremin III <geoiii@kkn.net>
46) [162692] Re: you made it!
by "George, W5YR" <w5yr@att.net>
47) [162693] Re: FOX: K5TR Log for 9-Dec-2003
by Ed Lawson <k1vp@grizzly.com>
48) [162694] RE: gel cell question..
by "W. K. Harding" <k4ahk@ix.netcom.com>
49) [162695] Re: Michigan QRP Net Dec 9th
by kwiike@gdls.com
50) [162696] Re: Speaking of bargains
by Alex <kr1st@amsat.org>
51) [162697] Re: FOX: What an Evening!
by Karl Larsen <k5di@zianet.com>
52) [162698] Re: FOX: What an Evening!
by Lloyd Lachow <llachow@yahoo.com>
53) [162699] FS: Rat Shack DSP40 dsp "speaker"
by "AI2Q" <ai2q@adelphia.net>
54) [162700] RS DSP40
by "AI2Q" <ai2q@adelphia.net>
55) [162701] sQRPions mini paddle - close spacing mod
by Jim Giammanco <giamman@rouge.phys.lsu.edu>
56) [162702] Re: Antenna (and 50 dB issue)
by "Prof. Arnaldo Coro Antich" <coro@enet.cu>
57) [162703] RE: Pic-El kit?
by "rattray" <rattray@accesscomm.ca>
58) [162704] RE: LAB, Sulfated plates.
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
59) [162705] Re: LAB, Sulfated plates.
by John Kuklewicz N7ZN <kukl@cybrquest.com>
60) [162706] Re: Antenna (and 50 dB issue)
by ARDUJENSKI@aol.com
61) [162707] RE: gel cell question..
by KD5NWA <KD5NWA@cbayona.com>
62) [162708] DSP40 dsp speaker FS is spoken for
by "AI2Q" <ai2q@adelphia.net>
63) [162709] Re: WB8RCR's PIC tutorial--A class act!
by "Glen Leinweber" <leinwebe@mcmaster.ca>
64) [162710] FOX: K5TR 9-Dec log - reformed
by George Fremin III <geoiii@kkn.net>
65) [162711] Wilderness Radio KC-1 and OHR WM-1
by Chuck Adams <k7qo@commspeed.net>
66) [162712] Re: SQRPion Paddle (Cable Strain Relief Spring)
by Curt Milton <wb8yyy@yahoo.com>
67) [162713] FOX: Idea for Consideration

- by Curt Milton <wb8yyy@yahoo.com>
- 68) [162714] Touch-Up paint.
by "KXBill" <KXB-1@cox.net>
- 69) [162715] Re: Hint
by Jerry Haigwood <w5jh@swlink.net>
- 70) [162716] Re: Antenna (and 50 dB issue)
by "George, W5YR" <w5yr@att.net>
- 71) [162717] Re: QRP ToTheField 2003 ?
by "Trevor Jacobs" <kg6cyn@softhome.net>
- 72) [162718] Ft-817 revisions
by Marten T Beels <martentb@goshen.edu>
- 73) [162719] OT. 2meter animal tracking
by Bob KB2FEL <kb2fel@yahoo.com>
- 74) [162720] RE: Update of FT-817
by "Prof. Arnaldo Coro Antich" <coro@enet.cu>
- 75) [162721] Re: FOX: Idea for Consideration
by "Tom Palmer" <n1tp@swfla.rr.com>
- 76) [162722] Re: Antenna (and 50 dB issue)
by Ingo Meyer DK3RED <dk3red@t-online.de>
- 77) [162723] Re: FOX: Idea for Consideration
by kwiike@gdls.com
- 78) [162724] Re: FOX: Idea for Consideration
by Wayne_W5KDJ <w5kdj@juno.com>
- 79) [162725] Re: Changing the 40m QRP frequency?
by "Tom Palmer" <n1tp@swfla.rr.com>
- 80) [162726] Fw: gacw 40 m qrp proyect
by "Dennis Ponsness" <wb0wao@hotmail.com>
- 81) [162727] Re: FOX: What an Evening!
by Wayne_W5KDJ <w5kdj@juno.com>
- 82) [162728] Re: FOX: Idea for Consideration
by John Sielke <jsielke@pobox.com>
- 83) [162729] Re: QRP ToTheField 2003 ?
by John Sielke <jsielke@pobox.com>
- 84) [162730] Re: FOX: Idea for Consideration
by Lloyd Lachow <llachow@yahoo.com>
- 85) [162731] Re: FOX: Idea for Consideration
by "George, W5YR" <w5yr@att.net>
- 86) [162732] Re: FOX: Idea for Consideration
by "George, W5YR" <w5yr@att.net>
- 87) [162733] FOX: W8RU Preliminary Log
by Ron Majewski <bigsky2000@sbcglobal.net>
- 88) [162734] Re: Idea for Consideration
by "KXBill" <KXB-1@cox.net>
- 89) [162735] Re: OT. 2meter animal tracking
by "KB0VCC" <KB0VCC@Adelphia.Net>
- 90) [162736] RE: Changing the 40m QRP frequency?
by "k6xr" <k6xr@bak.rr.com>
- 91) [162737] Re: FOX: Idea for Consideration

by "Tom Palmer" <n1tp@swfla.rr.com>
92) [162738] Re: Antenna (and 50 dB issue) So true!
by "Bill Smith" <billsmith@ispwest.com>
93) [162739] Re: FOX: Idea for Consideration
by Karl Larsen <k5di@zianet.com>
94) [162740] Modern keyers w/boatanchors...
by "KB0VCC" <KB0VCC@Adelphia.Net>
95) [162741] Re: FOX: Idea for Consideration
by Lloyd Lachow <llachow@yahoo.com>
96) [162742] RE: very short antenna
by "Fletcher, Michael" <michael.fletcher@attws.com>
97) [162743] Re: FOX: Idea for Consideration
by "Mike WA8BXN" <hubby2k@hotmail.com>
98) [162744] New Morse code character
by "Dennis Ponsness" <wb0wao@hotmail.com>
99) [162745] Re: Modern keyers w/boatanchors...
by "Dennis Ponsness" <wb0wao@hotmail.com>
100) [162746] Re: FOX: Idea for Consideration
by John Sielke <jsielke@pobox.com>
101) [162747] FW: Elmer 160 Next step
by "rattray" <rattray@accesscomm.ca>
102) [162748] Re: Modern keyers w/boatanchors...
by Lee Boulineau <n4mvl@yahoo.com>
103) [162749] Re: OT. 2meter animal tracking
by "Jerry Hall" <lugehall@hotmail.com>
104) [162750] Fox Hunting
by "John Shannon" <jsk3wwp@alltel.net>
105) [162751] re. New Morse Character
by Jim Cluett <w1pid@yahoo.com>
106) [162752] Re: FOX: Idea for Consideration
by Curt Milton <wb8yyy@yahoo.com>
107) [162753] ScQRPion Paddle Observations
by Bob Patten <n4bp@bellsouth.net>
108) [162754] Re: Modern keyers w/boatanchors...
by "PHILIP DECAIRE" <pedecaire@email.msn.com>
109) [162755] Re: Touch-Up paint.
by "Ron Polityka" <wb3aal@verizon.net>
110) [162756] Re: Modern keyers w/boatanchors...
by John Sielke <jsielke@pobox.com>
111) [162757] Re: Antenna (and 50 dB issue) So true!
by "George, W5YR" <w5yr@att.net>
112) [162758] Re: re. New Morse Character
by Peter Burbank <peterlee@qx.net>
113) [162759] Re: Modern keyers w/boatanchors...
by "Lew Paceley" <lew@paceley.com>
114) [162760] Re: Modern keyers w/boatanchors...
by Garey Barrell <k4oah@mindspring.com>
115) [162761] Re: re. New Morse Character

by w9ya <w9ya@arrl.net>
116) [162762] Re: re. New Morse Character
by "Lew Paceley" <lew@paceley.com>
117) [162763] Re: re. New Morse Character
by Rob Matherly <jimrob@jetnetinc.net>
118) [162764] Re: FOX: W8RU Preliminary Log
by "Tom Palmer" <n1tp@swfla.rr.com>
119) [162765] Re: FOX: Idea for Consideration
by dave <hottell@gulftel.com>
120) [162766] Re: re. New Morse Character
by Lloyd Lachow <llachow@yahoo.com>
121) [162767] Re: re. New Morse Character
by Bob Nielsen <nielsen@oz.net>
122) [162768] Re: ScQRPion Paddle Observations
by Bob Nielsen <nielsen@oz.net>
123) [162769] Re: re. New Morse Character
by "Thomas Lewis" <thomas_h_lewis@msn.com>
124) [162770] Fox: Oh, My, God
by "Walt Amos" <waltk8cvamos@aaaahawk.com>
125) [162771] Re: OT. 2meter animal tracking
by Bob KB2FEL <kb2fel@yahoo.com>
126) [162772] Re: Modern keyers w/boatanchors...
by "Charles W3KC" <w3kc@starpower.net>

Date: Tue, 9 Dec 2003 16:52:28 -0700
From: "Ron Pyle" <raple@gwtc.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [162647] Selling Stuff
Message-ID: <09d301c3beaf\$80e680d0\$65aafb40@yourjbuypagwhk>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I still have some things that I need to sell. Thought I'd ask again with a little more info and prices....
If you want to buy....just send me an email with your address.... I'll total up the shipping with the price and let you know....I prefer paypal....since it's quick....

Elecraft K2 #3696.... advanced internal DSP filter, SSB with microphone, internal Battery kit, 20W internal ATU.... Also have the RS-232 interface board (I/O board) not yet built. This is \$1,280 worth of radio.... I'll let it go for \$1,000 plus shipping....

Elecraft XV144 kit.... not built.....it's a 2m transverter.... cost

\$349.... Will let go for \$250....????

Vibroplex original bug....Deluxe model.... all chrome.... has bearings....red handle..... Also includes the plexiglass cover and extension for weight..... asking \$175... Just the bug itself sells for \$200 new....and this is only a few months old.....

Hakko 808 unsoldering gun..... New...never used... Has a plastic box.... bought from tequipment....same as you'd buy from them..... \$120

Ron
KC0QXU

Date: Tue, 09 Dec 2003 17:55:06 -0600
From: Steve Jackman <santaj672@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [162648] Re: LAB, Sulfated plates.
Message-ID: <BBFBBCFA.697A%santaj672@earthlink.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Years ago I heard of some kind of trick you can do by adding epsom salts to the cells, but I don't recall the procedure. Anybody else remember this?
- Steve

>
>
> Any ideas out there on how to eliminate sulfated plates in a lead acid
> battery? Have a couple around that I would like to restore. Cheers and
> Merry Holiday's (???) KXBill (W7KXB)
>
>

Date: Tue, 9 Dec 2003 16:03:48 -0800
From: Steve Smith <sigcom@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [162649] ScQRPion Paddle: Shoulder washer clearance
Message-ID: <20031209.160348.-232913.20.sigcom@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

(sorry if this is a dupe but I believed that I got caught by the QRP-L HTML bug)

On my paddle the shoulder washers do not fit the tightly into the arms. Actually, the clearance is quite loose causing the washers to move around and the arms to wobble noticeably.

The instructions say:

"Insert a #4 x 0.250 shoulder washer into the top of the pivot hole on each arm. In a similar manner, insert a #4 x 0.125 shoulder washer into the bottom (wire side) of the pivot hole on each arm. Note that the fit of these washers will be tight." (emphasis mine)

Anyone else experiencing this?

73.....Steve Smith WB6TNL
Oxnard, CA USA
"Snort Rosin"

The best thing to hit the internet in years - Juno SpeedBand!
Surf the web up to FIVE TIMES FASTER!
Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Tue, 9 Dec 2003 17:13:53 -0700
From: "Ron KU7Y" <ku7y@tds.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [162650] CW Improvment Booklet & ScQRPion Paddle
Message-ID: <000801c3beb2\$822ab940\$2e910b45@ku7y>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi All,

Well, this has been a very busy week. The Brenda JamFest is up and running full speed ahead and to top that off a few other things have happened.....

I got my ScQRPion Paddle kit yesterday and guess what??? It's number 007.... Wheeeeeeee. Many many thanks to whoever passed out the numbers. Sometimes a fellow gets lucky!

And that same evening the UPS truck found us and dropped off a copy or two of a new booklet published by the QRP ARCI. It's my little "How to Achieve 20 WPM CW with NO Effort on Your Part, Or I'm Lazy and Don't Want to Work at It!

Check with Hank at the QRP ARCI Toy Store to find out how to get one. I don't know the price..... Hey, I just wrote it! :-)

Then there was the phone call about a project that I'm being offered that would put me in Australia next spring!

So it's a very busy week and I'll know more after next weeks meetings..... Pictures at ten..... :-)

OK, back in my hole....

73,

Ron, KU7Y
ku7y@qsl.net
Brenda, AZ (or somewhere close!)
<http://www.qsl.net/ku7y>
<http://www.BrendaJamFest.com>

Date: Tue, 09 Dec 2003 19:31:16 -0500
From: Ed Tanton <n4xy@earthlink.net>
To: noga <nogaqrp@mailman.qth.net>, QRP-L <qrp-l@lehigh.edu>
Subject: [162651] Fwd: Christmas Sunset
Message-ID: <6.0.0.22.2.20031209193012.01f01d28@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

>Date: Tue, 9 Dec 2003 13:12:02 -0600
>Subject: Christmas Sunset
>From: "NASA Science News" <snglist@snglist.msfc.nasa.gov>
>
>NASA Science News for December 9, 2003
>
>Look west as night falls on Dec. 25th for a lovely pairing of brilliant
>Venus and the crescent moon.
>
>FULL STORY at
>
>http://science.nasa.gov/headlines/y2003/09dec_sunset.htm?list839287
>

>
>Check out our RSS feed at <http://science.nasa.gov/rss.xml>!
>
>
>Home page: <http://science.nasa.gov>

72/73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

"He that gives up a little liberty to gain
temporary security will lose both and
deserve neither".
--Benjamin Franklin

"Suppose you were an idiot ...
and suppose you were a member of
Congress... but I repeat myself."
--Mark Twain

Date: Tue, 9 Dec 2003 16:36:57 -0800
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: "qrp-1" <qrp-1@lehigh.edu>,
"Nor CA Contest Club" <nccc@contesting.com>,
Subject: [162652] N6WG 2003 CQ WW 160m Contest Results
Message-ID: <MABBJ0EAB0ILMKCJCLFCAEABFEAA.n6wg@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I just picked up the December 2003 CQ, because I saw that it had the 2003 scores for the CQ WW 160m contest. I wanted to see how I had done with my 5w, K2 and WimpyWire vertical.

I looked for the CA scores, and found them on p. 105. I found I had taken first place QRP in CA. Considering the handicap of operating from the west coast, I thought this was pretty good. Then being curious, I wondered if I had beaten any QRPers in other states/provinces.

Digging through the scores I found I had beaten the entered scores of QRPers in 14 states/provinces--CT, ME, NJ, NY, MD, GA, NV, WA, MI, WV, CO, IA, VE2, VE7.

To be fair, I checked on how many state/province entries had beaten me. There were 10--MA, NC, VA, AZ, UT, OH, IL MN, MO, VE3. This didn't seem like a very long list, so I checked for states/provinces with no QRP entries. There were 29--NH, RI, VT, DE, PA, AL, FL, KY, SC, TN, AR, LA, MS, NM, OK, TX, ID, MT, OR, WY, IN, WI, KS, SD, V01, VY1, VE5, VE6, VE9. I'm sure there were QRPers in the contest who just did it for the fun, and never entered their scores.

Ok, now I'm really getting greedy. Did I beat the top Low Power station in any state/province? Turns out there were 8--CT, MA, RI, AR, ID, WY, VE5, VE6. Wow, QRP Lives!

Ok, what has this proved? Not a darned thing, really, other than that QRP is a lot of fun and can turn in surprising results in contests. But then, you already knew that, didn't you?

73, Bob N6WG

Date: Tue, 09 Dec 2003 19:36:47 -0500
From: Peter Burbank <peterlee@qx.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [162653] Re: LAB, Sulfated plates.
Message-ID: <5.2.0.9.0.20031209191935.00a31020@mail.qx.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 05:44 PM 12/9/2003, Mike Yetsko wrote:

> > Any ideas out there on how to eliminate sulfated plates in a lead acid
> > battery? Have a couple around that I would like to restore.
> > Cheers and Merry Holiday's (???)
> > KXBill (W7KXB)
>
>There are chemicals around that will 'desulfate' a battery, or at least
>there
>are products that claim to have that ability.
>
>However, they won't repair shorts or other plate damage. Still, they're
>probably a lot cheaper than chucking the battery and buying another.
>
>The one product I remember was VX-7

I believe VX-7 needs to be added when you first buy the battery for best results but I did get another year out of my truck battery with it. The stuff that Wal mart sells is the same chemical to the best of my knowledge. I read a review in Car and Driver a few years ago and they concluded that VX-7 was one of the best additives for an auto. I wonder how conductive a layer of sulfation in the bottom of the battery is.
73 Pete NV4V

Date: Tue, 9 Dec 2003 16:52:02 -0800 (PST)
From: John Kalotai <n1olo@yahoo.com>
To: thomas_h_lewis@msn.com,
Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [162654] Re: Speaking of bargains (More MFJunk)
Message-ID: <20031210005202.31106.qmail@web80004.mail.yahoo.com>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

If you want a quality mast get the one from DK9SQ. MFJ knocked him off and used inferior materials to boot!

Its available here in the states from Kanga US.

Its worth the extra money. I have had one now for three years and have hung vertical wires, dipoles, and the DK9SQ loop. It has survived 35mph+ winds while on an IOTA expedition with the loop mounted.

73

John n1olo

--- Thomas Lewis <thomas_h_lewis@msn.com> wrote:
> I was looking for some wire to tie to the end of my new MFJ 33 ft.
> pole. At
> the Home Depot I found bell wire, 3 #20, marked down from 17 cents
> to one
> penny per foot. So I took a buck's worth. 300 ft. of wire for a
> buck.
> Thats a bargain.
>
> I got the MFJ 33 ft. pole at the Tampa Bay Hamfest from CT Morgan
> Associates
> for \$66 vs. \$80 from MFJ (who was also at the show). While setting
> it up
> today, with one strand of my new bell wire tied to the end, the tip
> broke
> off. There is another bargain. We'll see how the "No Matter What"
>
> guarantee works.
>
> Tom
> K4THL
>
>
> >AZ ScQRPion leader John Stevens, K5JS, is the "king" of dollar
> stores. He
> >finds more bargains than the rest of us put together!
> >
> >Jerry W5JH
> >
> >

>
> -----
> Cell phone switch rules are taking effect find out more here.
> <http://special.msn.com/msnbc/consumeradvocate.armx>
>

=====
John Kalotai
N10LO

Date: Tue, 09 Dec 2003 18:51:20 -0600
From: Mark Milburn <mark.milburn@ispwest.com>
To: qrp-l@lehigh.edu
Subject: [162655] Iowa QRP Club CW Net
Message-ID: <3FD66E08.6070808@ispwest.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

The Iowa QRP Club CW Net will be held on or around 3.709 Wednesday
night
at 8 PM Iowa time, or Thursday morning 0200Z.

Join us if you can.

72 Mark KQ0I
Des Moines, Iowa

Date: Tue, 9 Dec 2003 18:06:17 -0700 (MST)
From: Karl Larsen <k5di@zianet.com>
To: Steve Smith <sigcom@juno.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [162656] Re: ScQRPion Paddle: Shoulder washer clearance
Message-ID: <Pine.LNX.4.44.0312091803450.4692-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 9 Dec 2003, Steve Smith wrote:

> (sorry if this is a dupe but I believed that I got caught by the QRP-L
> HTML bug)

>
> On my paddle the shoulder washers do not fit the tightly into the arms.
> Actually, the clearance is quite loose causing the washers to move around
> and the arms to wobble noticeably.
>
> The instructions say:
>
> "Insert a #4 x 0.250 shoulder washer into the top of the pivot hole on
> each arm. In a similar manner, insert a #4 x 0.125 shoulder washer into
> the bottom (wire side) of the pivot hole on each arm. Note that the fit
> of these washers will be tight." (emphasis mine)

Hi Steve, both of my plastic inserts were loose as a goose. I expect it was just a small change in the part size. Don't worry, it will still work fine.

>
> Anyone else experiencing this?
>
> 73.....Steve Smith WB6TNL
> Oxnard, CA USA
> "Snort Rosin"
>
>
> -----
> The best thing to hit the internet in years - Juno SpeedBand!
> Surf the web up to FIVE TIMES FASTER!
> Only \$14.95/ month - visit www.juno.com to sign up today!
>

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Tue, 9 Dec 2003 20:03:26 -0500
From: "Howard Kraus" <K2UD@adelphia.net>
To: <qrp-1@Lehigh.EDU>
Subject: [162657] WTD: 2N930, 2N2369 transistors
Message-ID: <002101c3beb9\$6aa91940\$9f131443@kntnny.adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Anybody have originals? I only need (1) each. TNX fer any help.

72

Howard Kraus, K2UD

Date: Tue, 9 Dec 2003 20:03:45 -0500
From: "Paul Stroud" <aa4xx@bellsouth.net>
To: <qrp-1@lehigh.edu>
Subject: [162658] WB8RCR's PIC tutorial--A class act!
Message-ID: <000001c3beb9\$7678c7c0\$6101a8c0@m1d0u0>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang,

For those of you who are like me and want to learn more about PIC's, we now have access to a great resource thanks to WB8RCR's "PIC Elmer 160" course sponsored by the AmQRP Club.

John is walking us through all the steps from A-Z. You'll learn how to download the freeware MPLAB software and how to assemble your first program.

Major kudos to WB8RCR and the AmQRP Club for this project! Cruise on over to www.amqrp.org for more info.

72, Paul AA4XX

Date: Tue, 9 Dec 2003 17:06:09 -0800
From: "Bill Smith" <billsmith@ispwest.com>
To: <santaj672@earthlink.net>,
 "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [162659] Re: LAB, Sulfated plates.
Message-ID: <001a01c3beb9\$d1f30de0\$0200a8c0@HBC0>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Epsom salts, lemon juice will first improve a weak battery's performance,

then the same chemical process will continue to finish it off. Conclusion:
bad idea.

73 de Bill, AB6MT
billsmith@ipswest.com

----- Original Message -----

From: Steve Jackman
To: Low Power Amateur Radio Discussion
Sent: Tuesday, December 09, 2003 3:55 PM
Subject: Re: LAB, Sulfated plates.

Years ago I heard of some kind of trick you can do by adding epsom salts to
the cells, but I don't recall the procedure. Anybody else remember this?

- Steve

>
>
> Any ideas out there on how to eliminate sulfated plates in a lead acid
> battery? Have a couple around that I would like to restore. Cheers and
> Merry Holiday's (???) KXBill (W7KXB)
>
>

Date: Tue, 09 Dec 2003 19:11:34 -0500
From: Lee Mairs <lmairs@direcway.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [162660] Re: LAB, Sulfated plates.
Message-ID: <004b01c3beb2\$3126ac20\$3b6d020a@J4>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

New batteries don't cost that much. Why court acid damage, a spill or even
an explosion? If it is so sulfated as to not have at least 75% capacity it
is junk. Don't risk your eye sight on some magic powder. I'm reminded of
my friend the Diesel Doctor's favorite expression, "There is nothing you can
pour out of a can that will fix a sick engine!"

73 de Lee
KM4YY/8

----- Original Message -----

From: "Steve Jackman" <santaj672@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Tuesday, December 09, 2003 6:55 PM
Subject: Re: LAB, Sulfated plates.

> Years ago I heard of some kind of trick you can do by adding epsom salts
to
> the cells, but I don't recall the procedure. Anybody else remember this?
> - Steve
>
> >
> >
> > Any ideas out there on how to eliminate sulfated plates in a lead acid
> > battery? Have a couple around that I would like to restore. Cheers and
> > Merry Holiday's (???) KXBill (W7KXB)
> >
> >
>
>

Date: Tue, 9 Dec 2003 20:20:38 -0500 (EST)
From: <n2go@arrl.net>
To: <qrp-1@Lehigh.EDU>
Subject: [162661] Pic-E1 kit?
Message-ID: <Pine.LNX.4.33.0312092020050.30635-100000@valhalla.v>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Is this available?

73,

Jim n2go

Date: Tue, 9 Dec 2003 18:46:28 -0700
From: "Ron Pyle" <raple@gwtc.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [162662] RE: selling stuff
Message-ID: <0a4a01c3bebf\$6df0e280\$65aafb40@yourjbuypagwhk>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I forgot to mention that I still have my oscilloscope....
It is a HP 1725A....and well worth \$500it's calibrated, with two new
probes.... well worth \$500.... especially when Agilent wants \$530 just for
calibration...

Ron

Date: Tue, 9 Dec 2003 20:10:29 -0800
From: "Nick Kennedy" <wa5bdu@tcainternet.com>
To: <rc7039-hr@yahoo.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [162663] RE: [qrp-l] Slug tuned coil winding question.
Message-ID: <002401c3bed3\$8c90c2a0\$0400000a@wa5bdu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="US-ASCII"
Content-Transfer-Encoding: 7bit

A solenoid is a little more complicated than a toroid. The handbook
gives the formula,

$$L(\text{in } \mu\text{H}) = (d^2 * n^2) / (18d + 40L),$$

where d is the diameter of the coil (C to C of wire), n is the number of
turns, and L is the coil length in inches. I guess you could also d is
the diameter of the form plus the diameter of the wire. ('L' refers to
the second 'L', since lower case l just looks too much like a one.)

Assuming your wire size and coil form size fix 'd', you still have
variables d and L to contend with. I'd put the formula into a
spreadsheet or calculator and play with numbers until you hit a good
combination.

But that's for an air core coil, right? Yes. I think I've heard
that it's good practice to design so that the slug just enters the coil
a little bit at the correct inductance value. I suppose this is to give
maximum Q and also to help with temperature stability, which will be
better with "mostly air" than with "mostly iron powder" in the coil. So
I'd recommend designing for maybe 3.5 or 4 uH as an air core coil and
then let the slug shim it up the rest of the way.

72 and give us a report--

Nick, WA5BDU

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Rod N0RC

Sent: Monday, December 08, 2003 5:41 PM

To: Low Power Amateur Radio Discussion

Subject: [qrp-l] Slug tuned coil winding question.

Folks,

I'm helping another QRP-Ler trouble-shoot and fix a small HB RCVR. We need a slug tuned inductor for the VFO of 4.5uH, nominal. We've found forms upon which to wind the inductor. What we lack is a formula to calculate the number of turns required. Can someone provide a pointer to literature that will help us build this inductor?

TIA & 73, Rod N0RC

Happy Holidays

Date: Tue, 9 Dec 2003 19:25:35 -0700 (MST)

From: Karl Larsen <k5di@zianet.com>

To: qrp-l@lehigh.edu

Subject: [162664] FOX: Band is Stinko!

Message-ID: <Pine.LNX.4.44.0312091922090.4692-100000@bucket.dog>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Geeze, I worked Ron W8RU and he was 599 to 339 in just a minute. I can hear Hounds calling on 7.039.91 but not a peep from George K5TR.

Ron is at 7.040.75 and listening up about 1 KH. A QSO is just above that.

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Tue, 9 Dec 2003 21:20:41 -0500
From: "Alan Fryer" <N3BJ@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [162665] Foxes
Message-ID: <Law9-0E516QErCUsIPN00007078@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

K5TR is booming in here on 7.038.3, W8RU is no copy - but can hear the pack
at 7.041.3 calling him.....

Date: Tue, 9 Dec 2003 21:22:18 -0500
From: <k5oi@cox.net>
To: qrp-l@lehigh.edu
Subject: [162666] foxes?
Message-ID: <20031210022219.QDYP9010.fed1mtao08.cox.net@smtp.west.cox.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Dang:

Hear Bogota Colombia but no foxi in snowy Oklahoma!

Tim K5OI
Stillwater, OK

Date: Tue, 9 Dec 2003 21:28:00 -0500
From: "Tom Palmer" <n1tp@swfla.rr.com>
To: <qrp-l@Lehigh.EDU>
Subject: [162667] FOX: TWOFER
Message-ID: <000501c3bec5\$3be4f000\$4f3b0843@swfla.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Bagged W8RU (Ron near Detroit, Michigan) at 0213 on 7.041 (UP) & K5TR (George in TX) at 0215 on 7.038 (UP). Both were unusually strong here in SW Florida, but the Pesky Texan was BOOMING into Naples - at 599. The Texas hounds were also stronger than usual. The Gulf of Mexico is beneficial when the FOX is a Pesky Texan.

Many Hounds were calling both FOXES and both FOXES were having some difficulty picking callsigns out of the din of "same-strength" QRP cricket chirps as both were calling "FOX"

Good luck to all.

Tom, N1TP
Naples, FL.

Date: Tue, 09 Dec 2003 20:31:44 -0600
From: John Seboldt <k0jd-1@seboldt.net>
To: qrp-1@lehigh.edu
Subject: [162668] Re: Cable Modem Interference
Message-ID: <5.2.1.1.0.20031209202821.00a32670@seboldt.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 10:11 PM 12/3/03 -0500, you wrote:

>Then he said, "You have everything running OK, the problem is ingress due
>to a loose connector or broken line." At that point he indicated that
>they would be checking all of the cable TV boxes and cable modems in my
>half of town to find the problem.

>

>I have to say, the level of training evident from this conversation was
>refreshing. Also, the tech's familiarity with the regs and recognizing
>ingress to be their problem, not mine, was a bit of a surprise.

>

>Now, why did they pick 10-Meters to run Road Runner???

Why did they pick any on-air frequency? Because it's all supposed to stay inside the cable and/or the cable is supposed to be totally shielded from outside influences.

He had it right on - ingress! There ain't supposed to be any. If there is,

there's also egress, which is leakage, which we ain't supposed to have either - in fact, it's strictly FCC regulated. Otherwise we'd be interfering with air navigation, communications, and all kinds of things and maybe bringing planes down on our heads.

I speak as one who has been working for Time Warner (Milwaukee) via a contracting company for 2 years, and is now training as an in-house employee (Broadband Tech I). In my training group are three new guys in the CLI department - guys whose only job is to drive the 3000+ miles of cable plant and find leaks. They have to drive all 3000 miles of plant every 3 months.

The lower range is used for the return path for cable modems and fancy cable boxes - that is, frequencies below channel 2, circa 54 MHz.

Thanks to hamming, I'm ahead of most guys on splitter losses, coax properties (the trainer couldn't even define characteristic impedance of coax very well), return loss, shielding, et al. Now pole climbing - that I have to work on....

John K0JD
Milwaukee, WI
(beep beep)

Date: Tue, 9 Dec 2003 19:34:54 -0700 (MST)
From: Karl Larsen <k5di@zianet.com>
To: qrp-l@lehigh.edu
Subject: [162669] FOX: The Problem
Message-ID: <Pine.LNX.4.44.0312091931280.4692-1000000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I checked and the Flux is 92, the Ap=24 and Kp=4. The Kp and Ap are killing us. If it was Flux 92 Ap=4 and Kp=1 I would hear k5tr down in Texas but with the current conditions I can hear nothing.

--

- Karl Larsen k5di Las Cruces, NM Az ScQRPions -

Date: Tue, 9 Dec 2003 20:50:04 -0600

From: "Sam Binkley" <sbinkley1@cox.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [162670] Re: foxes?
Message-ID: <053501c3bec8\$5033bb10\$a67fe344@DHT81T11>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Same in windy OKC Tim. Never heard the truffle and so far have heard
neither fox. And only 3 or 4 hounds.

Sam, KL7V/5
OK City

----- Original Message -----

From: <k5oi@cox.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Tuesday, December 09, 2003 8:22 PM
Subject: foxes?

> Dang:
>
> Hear Bogota Colombia but no foxi in snowy Oklahoma!
>
> Tim K5OI
> Stillwater, OK
>
>

Date: Tue, 09 Dec 2003 21:52:16 -0500
From: tjennin2@rochester.rr.com
To: qrp-1@Lehigh.EDU
Cc: k2ter@rochester.rr.com
Subject: [162671] Fox: Got one! K5TR...
Message-ID: <3FD64410.27719.2A3C6071@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

Got K5TR! He was about a 55 and worked him
easily.

As for W9RU not a peep :< I did hear k5tb calling.
No pile ups either.

Tom kv2x

Date: Tue, 09 Dec 2003 20:41:56 -0600
From: John Seboldt <k0jd-1@seboldt.net>
To: qrp-1@lehigh.edu
Subject: [162672] Re: YAHOO emails
Message-ID: <5.2.1.1.0.20031209204150.01fab160@seboldt.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 08:14 PM 8/29/03 -0400, you wrote:

>I have once again been forced to place YAHOO.COM in my TOTAL REJECT
>category within my SPAM program. This comes as a result of a myriad of
>clever little variations for return addresses all from YAHOO blatantly
>soliciting porn/etc. DOZENS daily is a bit much.

Of course, the key is: are they really from Yahoo, or is it folks using
them (and other biggies) as a spoofed return address? My own domain is even
used as a spam return address - and they're even dumb enough to send some
to me so I can get wise and make a (feeble) attempt to complain.

The best anti-spam approaches actually check the IP address of the sending
server, not just the domain name. - a program like MailWasher, for example,
checks sources like Spamcop that work only on IP addresses. Putting a whole
domain like yahoo into your "spam" is about like rejecting all calls from a
certain area code just because you get lots of telemarketing calls from
that area.

John K0JD
Milwaukee

Date: Tue, 9 Dec 2003 19:01:30 -0800
From: "Andreas Junge - ARRL.NET" <n6nu@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [162673] RE: Foxes
Message-ID: <HPEPKMGB0BBNPFCCOKLJGGEEELFCAA.n6nu@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>
> K5TR is booming in here on 7.038.3, W8RU is no copy - but can
> hear the pack
> at 7.041.3 calling him.....
>

Was able to work both of them from the left coast!
W8RU was though to hear at times.

Andreas, N6NU
Menlo Park, CA

Date: Tue, 9 Dec 2003 19:49:08 -0700
From: "Paul Ermisch" <paul@ermisch.com>
To: <mutabut@net66.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [162674] RE: My new HDTV radiates...any rfi suggestions.
Message-ID: <NHBBIMAFPBCKANGJGAPDEEHKCAA.paul@ermisch.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Is it using a standard CRT or a plasma screen?

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of
Terry
Sent: Tuesday, December 09, 2003 9:13 AM
To: Low Power Amateur Radio Discussion
Subject: My new HDTV radiates...any rfi suggestions.

Hello,

My shiny new HDTV radiates right into my radios. I have put ferrite
cores on various cables going into and going out of the HDTV. (just moving
the same core around from cable to cable) This has had no effect.

So, I ask the group, should I just buy a "bunch" of toroids and do all
cables into and out of the HDTV or...or well I'm open to suggestions.

73,

Terry KA9TXE

Date: Tue, 9 Dec 2003 19:17:07 -0800 (PST)
From: Garie Halstead K8KFJ <khyberpass65@yahoo.com>
To: tjennin2@rochester.rr.com,
Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [162675] Re: Fox: Got one! K5TR...
Message-ID: <20031210031707.68382.qmail@web60305.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- tjennin2@rochester.rr.com wrote:

> Got K5TR! He was about a 55 and worked him
> easily.
> As for W9RU not a peep :< I did hear k5tb calling.
> No pile ups either.
>
> Tom kv2x

Same situation here Tom. Snagged Geo easily at 0208 although I was only 539 at his end. Heard NK6A calling W9RU a number of times but it's obvious that Detroit is much too close for me given this long band this evening.

72, Gary -K8KFJ-
West Virginia

Do you Yahoo!?
Protect your identity with Yahoo! Mail AddressGuard
<http://antispam.yahoo.com/whatsnewfree>

Date: Tue, 9 Dec 2003 22:20:46 -0500
From: "Lawrence Makoski" <Makos327@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [162676] One so far!
Message-ID: <001501c3becc\$9af09610\$3eec4b0c@larrysahyqy001>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Bagged George, K5TR at 0251 UTC on 7.038 (up 1) - he's a good 569 - 579 in Central NJ. Tnx George!

No joy so far on Ron W8RU - which is wierd, because MI is usually an easy state for me on 40!

73 de Larry W2LJ - Vivat Morse!

W2LJ@arrl.net
<http://www.qsl.net/w2lj>

ARRL Lifemember QRP ARCI #4488 NJQRP #47
FISTS #1469 QRP-L #778 FP #612 QRPp-I #759
ARS #1528 --- K1 #1647 --- AmQRP, CQC #746

Date: Tue, 9 Dec 2003 20:23:05 -0700
From: "Bob Baxter" <rbaxter@cybertrails.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [162677] What a day
Message-ID: <001201c3becc\$eeb91a60\$cb542aa2@radiatoroom>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Had dinner a my favorite pizza house. Came home and slew both foxes for contact 1 and 2 on the brand new K1. Now to sleep--perchance to dream.....of a KX1.

Bob Baxter AA7EQ
Bisbee, Az.

Date: Tue, 9 Dec 2003 22:25:07 -0500
From: "Bob Schreibmaier" <k3ph@ptd.net>
To: <qrp-l@Lehigh.EDU>
Subject: [162678] Re: Foxes
Message-ID: <000301c3becd\$35bda520\$6400a8c0@k3ph>
MIME-Version: 1.0
Content-Type: text/plain;

```
charset="Windows-1252"
Content-Transfer-Encoding: 7bit
```

Hi Alan,

Looks like the short skip gods are not smiling on us again tonight! The Icom S-meter is pushing over S9 on George, but I can't even tell where Ron is.

And so it goes...

72/73,

[illegible]

```
+-----+
| Bob Schreibmaier K3PH | E-mail: k3ph@ptd.net |
| Kresgeville, PA 18333 | http://www.dxis.org  |
+-----+
```

Date: Tue, 9 Dec 2003 19:34:36 -0800
From: "john gabbard" <johngabbard@usintouch.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [162679] Trade?
Message-ID: <004201c3bece\$8d2b2020\$ee861c0c@john>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have an Autek QF1A to trade towards a WM1 or WM2 Watt meter.
I will sell it for \$45.00 shipped US Thanks 73's John KF7OM

Date: Tue, 9 Dec 2003 22:36:27 -0500
From: "Walt Amos" <waltk8cvamos@aaaahawk.com>
To: "Qrp-L Mail" <qrp-l@lehigh.edu>
Subject: [162680] fox: W8RU

Message-ID: <009c01c3bece\$ce23d0e0\$46c83f40@WALTK8CV>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

was at 7.040.82

Date: Tue, 9 Dec 2003 19:42:14 -0800 (PST)
From: Lloyd Lachow <llachow@yahoo.com>
To: rbaxter@cybertrails.com,
 Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [162681] Re: What a day
Message-ID: <20031210034214.30030.qmail@web41015.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

That is the best way to break in a new rig I've
heard!

L1

--- Bob Baxter <rbaxter@cybertrails.com> wrote:
> Had dinner a my favorite pizza house. Came home and
> slew both foxes for
> contact 1 and 2 on the brand new K1. Now to
> sleep--perchance to
> dream.....of a KX1.
>
> Bob Baxter AA7EQ
> Bisbee, Az.
>

Do you Yahoo!?
New Yahoo! Photos - easier uploading and sharing.
<http://photos.yahoo.com/>

Date: Tue, 9 Dec 2003 22:52:02 -0500
From: w9ya <w9ya@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [162682] Re: YAHOO emails
Message-ID: <200312092252.02410.w9ya@arrl.net>
MIME-Version: 1.0
Content-Disposition: inline
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

On Tuesday 09 December 2003 09:41 pm, John Seboldt wrote:

> At 08:14 PM 8/29/03 -0400, you wrote:
> >I have once again been forced to place YAHOO.COM in my TOTAL REJECT
> >category within my SPAM program. This comes as a result of a myriad of
> >clever little variations for return addresses all from YAHOO blatantly
> >soliciting porn/etc. DOZENS daily is a bit much.
>
> Of course, the key is: are they really from Yahoo, or is it folks using
> them (and other biggies) as a spoofed return address? My own domain is even
> used as a spam return address - and they're even dumb enough to send some
> to me so I can get wise and make a (feeble) attempt to complain.
>
> The best anti-spam approaches actually check the IP address of the sending
> server, not just the domain name. - a program like MailWasher, for example,
> checks sources like Spamcop that work only on IP addresses. Putting a whole
> domain like yahoo into your "spam" is about like rejecting all calls from a
> certain area code just because you get lots of telemarketing calls from
> that area.

Hey John;

Actually reverse address checks are not fool-proof either. In fact alot of legitimate mail would fail such a test. There are examples galor, including everyone that gets mail thru an email forwarder.

The only sane way for the internet community to handle spam is to disallow mail relays by checking outgoing mail for address headers that indicate this on the (supposedly) very first smtp hop, and not trashing any mail, but rather tagging it for the end user to process in a local email client. Any email forwarders should also have spam tagging (and tagging only i.e. no dumping) software installed as well.

Anything else will not be correct at least a real and measurable percentage of the time IMnsHO.

And now that the congress has gotten into the act, you can bet it will be all screwed up. Sigh

Very best regards;

Bob
w9ya

>
> John K0JD
> Milwaukee

Date: Tue, 9 Dec 2003 19:57:18 -0800
From: David Simmons <dsimmons@macromedia.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [162683] RE: What a day
Message-ID: <AF3D4B6E3776C7459203A5CB01B976DB03805650@s2009exm01.macromedia.com>
MIME-Version: 1.0
Content-Type: text/plain

Must be the Elecraft mojo ... I've never done the Fox Hunt before, but since the family is away tonight, I thought I'd give it a try. Got both of them on first calls with my K1. I got the used rig a few weeks ago and love it.

- Dave
KQ6RL

> -----Original Message-----
> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]
> On Behalf Of Bob Baxter
> Sent: Tuesday, December 09, 2003 7:23 PM
> To: Low Power Amateur Radio Discussion
> Subject: What a day
>
> Had dinner at my favorite pizza house. Came home and slew
> both foxes for contact 1 and 2 on the brand new K1. Now to
> sleep--perchance to dream.....of a KX1.
>
> Bob Baxter AA7EQ
> Bisbee, Az.
>

Date: Tue, 9 Dec 2003 23:06:51 EST
From: ARDUJENSKI@aol.com
To: qrp-1@lehigh.edu
Subject: [162684] Antenna (and 50 dB issue)
Message-ID: <188.22aedb04.2d07f5db@aol.com>

MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I ran a series of EZNEC models and unable to get more than 12 dBi variation with a wide range of antennas without directors or reflectors. The infamous T2FD antenna was only down -16dBi on 160m. I am curious how the -50dB figure is being determined?

Alan KB7MBI in Woodinville, WA
FISTS 5702 / ARS / Proud member of ARRL
--- --- --- --- DIT DIT

Date: Wed, 10 Dec 2003 04:12:30 GMT
From: wo7t@juno.com
To: qrp-l@Lehigh.edu
Subject: [162685] SQRPion Paddle (Cable Strain Relief Spring)
Message-ID: <20031209.201240.11455.960872@webmail12.lax.unttd.com>
Mime-Version: 1.0
Content-Type: text/plain

Fellow Paddle Builders:

Those of you that are going to use small walkman sized stereo hookup cable will benefit from a smaller #180 spring (\$1.00) from Ace Hardware. There's enough spring to make 2 decent strain reliefs

72,
Mark
W07T/qrp

The best thing to hit the internet in years - Juno SpeedBand!
Surf the web up to FIVE TIMES FASTER!
Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Tue, 9 Dec 2003 22:15:59 -0600
From: "George, W5YR" <w5yr@att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Cc: "Don Wines" <dwines@tyler.net>, "Doc - W5TB" <w5tb@comcast.net>, "Bill Pierrard" <k5jhp@sbcglobal.net>,
Subject: [162686] FOX: What an Evening!
Message-ID: <013601c3bed4\$51d0abc0\$0401a8c0@PS>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well, I finally fell from grace in not working both of the Foxii tonight, but at least I got Ron (I think!). Band was absolutely stinko here. I heard K5TR one time but right back into the noise. I finally caught Ron at 0343 on a QSB peak and copied his exchange. Then as I was giving mine, some QRO decided to call CQ. Repeated my stuff and heard Ron say R so I hope I am in the log.

Absolutely the worst conditions tonight that I have ever heard in a Fox Hunt, Obviously, the Truffle was non-existent here.

Hope others did a lot better!

73, George W5YR
w5yr@att.net

Date: Tue, 9 Dec 2003 23:09:02 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <w9ya@arrl.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [162687] Re: YAHOO emails
Message-ID: <008401c3bed3\$59994660\$0200a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Actually reverse address checks are not fool-proof either. In fact alot
of
> legitimate mail would fail such a test. There are examples galor,
including
> everyone that gets mail thru an email forwarder.

I routinely forge my envelope. That way I can send email from home, or really any place, and it 'appears' that I send my personal emails from my home personal machine, and professional emails from a 'work' machine.

Mike

Date: Tue, 9 Dec 2003 21:20:56 -0700
From: "KXBill" <KXB-1@cox.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [162688] Re: Speaking of bargains (More MFJunk)
Message-ID: <003a01c3bed5\$02220000\$76d70344@ph.cox.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I started with the MFJ product and it broke at the top. Didn't look overstressed. Got the DK9SQ and it's doing very well. Same load as the MFJ had.

Cheers to all

BillH_W7kxb_

----- Original Message -----

From: "John Kalotai" <n1olo@yahoo.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Tuesday, December 09, 2003 17:52
Subject: Re: Speaking of bargains (More MFJunk)

>
> If you want a quality mast get the one from DK9SQ. MFJ knocked him
> off and used inferior materials to boot!
>
> Its available here in the states from Kanga US.
>
> Its worth the extra money. I have had one now for three years and
> have hung vertical wires, dipoles, and the DK9SQ loop. It has
> survived 35mph+ winds while on an IOTA expedition with the loop
> mounted.
>
> 73
>
> John n1olo
>
>
> --- Thomas Lewis <thomas_h_lewis@msn.com> wrote:
> > I was looking for some wire to tie to the end of my new MFJ 33 ft.
> > pole. At
> > the Home Depot I found bell wire, 3 #20, marked down from 17 cents
> > to one
> > penny per foot. So I took a buck's worth. 300 ft. of wire for a
> > buck.
> > Thats a bargain.
> >

> > I got the MFJ 33 ft. pole at the Tampa Bay Hamfest from CT Morgan
> > Associates
> > for \$66 vs. \$80 from MFJ (who was also at the show). While setting
> > it up
> > today, with one strand of my new bell wire tied to the end, the tip
> > broke
> > off. There is another bargain. We'll see how the "No Matter What"
> >
> > guarantee works.
> >
> > Tom
> > K4THL
> >
> >
> > >AZ ScQRPion leader John Stevens, K5JS, is the "king" of dollar
> > stores. He
> > >finds more bargains than the rest of us put together!
> > >
> > >Jerry W5JH
> > >
> > >
> >
> > -----
> > Cell phone switch rules are taking effect find out more here.
> > <http://special.msn.com/msnbc/consumeradvocate.armx>
> >
>
>
> =====
> John Kalotai
> N10LO
>

Date: Tue, 09 Dec 2003 23:20:40 -0500
From: Peter Burbank <peterlee@qx.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [162689] Re: FOX: The Problem
Message-ID: <5.2.0.9.0.20031209225959.00a319e0@mail.qx.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 09:34 PM 12/9/2003, Karl Larsen wrote:

> I checked and the Flux is 92, the Ap=24 and Kp=4. The Kp and Ap
> are killing us. If it was Flux 92 Ap=4 and Kp=1 I would hear k5tr down

>in Texas but with the current conditions I can hear nothing.

>

>--

>

> - Karl Larsen k5di Las Cruces, NM Az ScQRPions -

Karl, You had a good signal into the Bluegrass state as well as some Florida stations.

Pretty heavy QSB.....K5TR finally popped out of the noise after disappearing a few times.

Never even heard W8RU but there might be a connection between that and the huge cold front rolling in here or perhaps the skip was long.

73 Pete NV4V Kentucky

Date: Tue, 9 Dec 2003 23:42:08 -0500

From: "Tom Palmer" <n1tp@swfla.rr.com>

To: <qrp-1@Lehigh.EDU>

Subject: [162690] FOX: What an evening

Message-ID: <000501c3bed7\$f87ea000\$4f3b0843@swfla.rr.com>

MIME-Version: 1.0

Content-Type: text/plain;

charset="Windows-1252"

Content-Transfer-Encoding: 7bit

If - as appears to be true - W5YR, George, did not bag both pelts this hunt, no Hound will be "14 for 14" when the Week 7 LOGS are posted. George will be "13 for 14." Not too bad, though. Being "40 for 40" at the end of the Winter Season is a real accomplishment. Very few hounds have ever accomplished "40 for 40."

George (in TEXAS) was loud here in Naples, Florida, throughout the hunt.

I could hear Ron, W8RU (in Michigan), up until 0400 but there was heavy, slow QSB on Ron's signal during the 2nd hour. Heard N4ROA and N9AW calling Ron and both were loud here. Ron came back to Dan (in Virginia) at 0348, but I didn't hear Ron give Dan a pelt. Didn't hear Ron go back to N9AW. Heard Doc, K0EVZ, bag his pelt from Ron with only 1 call. Nice grab! Doc.

Band conditrons this hunt were bad, but on 1 or 2 occasions I've heard worse.

Tom, N1TP
Naples, FL.

Date: Tue, 9 Dec 2003 22:55:00 -0600
From: George Fremin III <geoiiii@kkn.net>
To: qrp-1@Lehigh.EDU
Subject: [162691] FOX: K5TR Log for 9-Dec-2003
Message-ID: <20031210045500.GA12108@kkn.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

This was my first time to be a fox for the 40 meter hunt.

I had a few problems that resulted in a shaky start but I got most of them worked out during the hunt. The cold front is blowing through here and the wind is/was gusting to 40 mph and stirring up one or two bad connections on the power lines tonight. But the noise was not on all the time and not too bad.

As everyone has noted the band was long but did seem to change some near the end when I worked several stations in NM and CO with big signals. I thought I heard W5YR at least once but he was very weak.

I hope my signal was OK out there and congrats to W9JOP who made it into the log with 50mW if I copied it correctly. And if I got it wrong I am certain he was running some sort of mWatts.

Here is the log:

40CW	10-Dec-03	02:03	1	N9NE	599	559	WI	TODD	5W
40CW	10-Dec-03	02:04	2	N4ROA	559	559	VA	DAN	5W
40CW	10-Dec-03	02:06	3	AG0T	549	559	ND	TODD	4W
40CW	10-Dec-03	02:07	4	W9XU	559	559	WI	LON	5W
40CW	10-Dec-03	02:07	5	N0UR	559	579	MN	JIM	5W
40CW	10-Dec-03	02:08	6	N3BJ	559	599	VA	ALAN	5W
40CW	10-Dec-03	02:08	7	K8KFJ	539	599	WV	GARY	5W
40CW	10-Dec-03	02:09	8	WA8BXN	559	559	OH	MIKE	5W
40CW	10-Dec-03	02:10	9	K0UU	579	579	MN	JEFF	5W
40CW	10-Dec-03	02:10	10	K0MAX	559	559	MN	MAX	5W
40CW	10-Dec-03	02:11	11	K3ESE	559	559	MD	LLOYD	5W

40CW	10-Dec-03	02:12	12	WA9TZE	559	599	WI	JIM	5W
40CW	10-Dec-03	02:12	13	K2ZN	559	569	NY	AL	5W
40CW	10-Dec-03	02:13	14	KV2X	559	559	NY	TOM	5W
40CW	10-Dec-03	02:14	15	W0UFO	559	559	MN	MERT	5W
40CW	10-Dec-03	02:14	16	NK9G	559	559	WI	RICK	5W
40CW	10-Dec-03	02:15	17	N1TP	579	599	FL	TOM	5W
40CW	10-Dec-03	02:16	18	K6XR	559	559	CA	REGGIE	5W
40CW	10-Dec-03	02:17	19	K5EOA	539	559	LA	WAYNE	5W
40CW	10-Dec-03	02:17	20	WB8YYY	559	559	MD	CURT	5W
40CW	10-Dec-03	02:18	21	K6VNX	579	559	CA	ARLEN	5W
40CW	10-Dec-03	02:18	22	AC7A	579	579	AZ	TOM	5W
40CW	10-Dec-03	02:19	23	KQ6RL	559	599	CA	DAVE	5W
40CW	10-Dec-03	02:19	24	VE4WI	559	559	MB	CRAIG	2W
40CW	10-Dec-03	02:20	25	W9XT	559	559	WI	GARY	5W
40CW	10-Dec-03	02:21	26	K1VP	539	559	NH	NAME	5W
40CW	10-Dec-03	02:22	27	K8CV	559	559	MI	WALT	5W
40CW	10-Dec-03	02:22	28	K0PC	559	559	MN	PAT	5W
40CW	10-Dec-03	02:23	29	K9IS	559	559	WI	STEVE	5W
40CW	10-Dec-03	02:24	30	W0ANM	539	559	MN	CHRIS	5W
40CW	10-Dec-03	02:26	31	NK6A	559	559	CA	DON	5W
40CW	10-Dec-03	02:26	32	WB4X	599	559	NC	BRENT	5W
40CW	10-Dec-03	02:27	33	KB2FEL	559	559	WV	BOB	5W
40CW	10-Dec-03	02:30	34	N3ZPQ	559	559	OH	FRANK	4W
40CW	10-Dec-03	02:30	35	WE9K	559	559	WI	GLENN	5W
40CW	10-Dec-03	02:34	36	VE5RC	559	229	SK	BRUCE	5W
40CW	10-Dec-03	02:34	37	N1FN	559	559	CO	ET	5W
40CW	10-Dec-03	02:36	38	KG6WP	559	559	CA	WARD	5W
40CW	10-Dec-03	02:37	39	K7TQ	559	559	ID	RANDY	5W
40CW	10-Dec-03	02:37	40	KJ6CA	579	569	CA	BOB	2W
40CW	10-Dec-03	02:38	41	K4BYF	559	559	FL	JACK	3W
40CW	10-Dec-03	02:39	42	N4DD	559	599	TN	DENNIS	5W
40CW	10-Dec-03	02:39	43	N6NU	559	599	CA	ANDY	5W
40CW	10-Dec-03	02:40	44	W7ILW	599	559	AZ	WALT	5W
40CW	10-Dec-03	02:41	45	W4NJK	559	559	CA	CHAS	5W
40CW	10-Dec-03	02:42	46	N9KW	559	599	IL	JOHN	5W
40CW	10-Dec-03	02:43	47	KC1FB	559	559	CT	JIM	5W
40CW	10-Dec-03	02:45	48	W0PWE	539	559	IA	JERRY	5W
40CW	10-Dec-03	02:51	49	W2LJ	559	569	NJ	LARRY	4W
40CW	10-Dec-03	02:52	50	N4HAY	559	559	NC	DICK	2W
40CW	10-Dec-03	02:56	51	W9JOP	559	559	VA	BOB	50mW
40CW	10-Dec-03	02:57	52	AF4AT	559	599	NC	JIM	5W
40CW	10-Dec-03	03:00	53	NN4CW	559	599	GA	GIL	5W
40CW	10-Dec-03	03:06	54	K8MIA	559	559	WV	JIM	5W
40CW	10-Dec-03	03:09	55	K2Q0	559	559	NY	MARK	5W

40CW	10-Dec-03	03:10	56	K01M	559	559	VA	MIKE	5W
40CW	10-Dec-03	03:11	57	AA7EQ	559	559	AZ	BOB	5W
40CW	10-Dec-03	03:13	58	N9AW	539	559	WI	JERRY	5W
40CW	10-Dec-03	03:15	59	N40I	559	559	NC	KEN	5W
40CW	10-Dec-03	03:16	60	AK7Y	559	559	AZ	GREG	5W
40CW	10-Dec-03	03:19	61	W7AQK	559	449	AZ	DAVE	5W
40CW	10-Dec-03	03:19	62	K3PH	579	579	PA	BOB	5W
40CW	10-Dec-03	03:22	63	KB9YIG	559	559	IN	TONY	2W
40CW	10-Dec-03	03:23	64	N5ZE	529	559	TX	LEW	5W
40CW	10-Dec-03	03:24	65	WS4S	559	569	TN	CONARD	5W
40CW	10-Dec-03	03:25	66	NV4V	559	559	KY	PETE	5W
40CW	10-Dec-03	03:27	67	W7KXB	559	549	AZ	BILL	5W
40CW	10-Dec-03	03:31	68	KC9LC	559	559	VA	RANDY	5W
40CW	10-Dec-03	03:32	69	NU0P	599	559	IA	STEVE	5W
40CW	10-Dec-03	03:35	70	K0EVZ	579	599	NM	DOC	4W
40CW	10-Dec-03	03:39	71	KI0II	599	559	CO	RON	5W
40CW	10-Dec-03	03:40	72	N7RQR	559	559	OR	DAN	5W
40CW	10-Dec-03	03:40	73	K5IC	559	559	NM	AUDIE	5W
40CW	10-Dec-03	03:42	74	AD6JY	559	559	CA	DAN	5W
40CW	10-Dec-03	03:45	75	KI0KY	559	559	CO	STEVE	5W
40CW	10-Dec-03	03:47	76	WB8WTU	559	559	OH	DENNIS	5W
40CW	10-Dec-03	03:48	77	W9HL	559	559	IL	RANDY	5W
40CW	10-Dec-03	03:49	78	AB9CA	559	559	AL	DAVE	5W
40CW	10-Dec-03	03:50	79	W9AEM	559	579	WI	JOHN	5W
40CW	10-Dec-03	03:50	80	N0AR	559	559	MN	SCOTT	5W
40CW	10-Dec-03	03:55	81	K9NX	559	579	IN	TIM	5W
40CW	10-Dec-03	03:57	82	AG4PJ	559	559	AL	DAVE	5W
40CW	10-Dec-03	03:57	83	AJ4AY	559	559	AL	JAY	5W
40CW	10-Dec-03	03:59	84	W3DCG	559	599	GA	DARIN	5W
				W8RU				FOX	
				K5TR				FOX	

--

George Fremin III - K5TR
 geoiiii@kkn.net
<http://www.kkn.net/~k5tr>

Date: Tue, 9 Dec 2003 23:03:37 -0600
 From: "George, W5YR" <w5yr@att.net>
 To: "Ron Majewski" <bigsky2000@sbcglobal.net>

Cc: "Don Wines" <dwines@tyler.net>, "Doc - W5TB" <w5tb@comcast.net>,
"Bill Pierrard" <k5jhp@sbcglobal.net>,
Subject: [162692] Re: you made it!
Message-ID: <01fb01c3beda\$f992a0b0\$0401a8c0@PS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Boy, is that a load off my mind! Thanks much for your note, Ron.

I heard faint snatches of your signal right at the start of the Hunt and then you just vanished. I was about ready to shut it down when I checked your frequency once more and faintly heard you. I took a chance and called and heard you come back with my call and your exchange. Just as I started mine, a QRO station came on calling CQ, so I figured I was wiped out. That is why I repeated the exchange and "hoped." I faintly heard an "R" when I finished and then you vanished again.

What an evening!

Thanks again for the prompt confirmation, Ron, and for taking the time and effort to be a Fox for us.

73, George W5YR
w5yr@att.net

----- Original Message -----

From: "Ron Majewski" <bigsky2000@sbcglobal.net>
To: <w5yr@att.net>
Sent: Tuesday, December 09, 2003 10:44 PM
Subject: you made it!

> Hi George,
>
> Yes, you're in the log at 0343utc. I heard you repeat
> your exchange and figured that the QSB was playing
> havoc. :)
>
> You're right about the poor conditions as well.
>
> 73,
>
> Ron (W8RU).
>
>

Date: Wed, 10 Dec 2003 11:30:47 +0000
From: Ed Lawson <k1vp@grizzly.com>
To: geoiiii@kkn.net
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [162693] Re: FOX: K5TR Log for 9-Dec-2003
Message-ID: <20031210113047.4fb53011.k1vp@grizzly.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

On Tue, 9 Dec 2003 22:55:00 -0600
George Fremin III <geoiiii@kkn.net> wrote:

>
> This was my first time to be a fox for the 40 meter hunt.
>
>

> 40CW 10-Dec-03 02:21 26 K1VP 539 559 NH NAME 5W

George:

Sorry I messed up the exchange and left to soon to verify.
You were down in the noise part of the time and I was afraid
I would step on next station you were trying to work.

Name is Ed BTW.

You did a great job from what I heard.

Ed Lawson
K1VP

Date: Wed, 10 Dec 2003 06:30:05 -0500
From: "W. K. Harding" <k4ahk@ix.netcom.com>
To: "Sergio T. Ruiz" <sergio@philway.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [162694] RE: gel cell question..
Message-ID: <410-220031231011305875@ix.netcom.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

A good way to charge a lead acid or gel cell is to go to Wall Mart and get their 1.5 amp hour battery charger for \$17. This unit was discussed on QRP-L earlier this year. I have two of them and they work FB.

Bill - K4AHK

> [Original Message]
> From: Sergio T. Ruiz <sergio@philway.com>
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Date: 12/9/2003 9:05:18 AM
> Subject: gel cell question..
>
>
> although my k1 building will be on hold for about a week (i have the
filter
> board and front panel done!) as we finally get to move (woo hoo!) i
thought
> i would ask this before i get there..
>
> is there any trick to charging those 10ah gel cells i see floating around?
>
> i would love to use one to power my k1 in the field, and maybe even while
i
> am at home.. so i can keep from turning on a power supply and having yet
> more cables in the area..
>
> this would also give me a good feel for battery life without having to
> sweat it..
>
> thanks in advance..
>
> oh! and for the record..
>
> i went with 150khz tuning, and 17m...
>
> thanks again!
>
> ----
> Sergio T. Ruiz
> technology and MIS
> Philway Products, Inc.
> (419) 281-7777 x232

Date: Wed, 10 Dec 2003 07:10:39 -0500
From: kwike@gdls.com
To: "Mike-WB8ICN" <wb8icn@comcast.net>
Cc: qrp-1@Lehigh.EDU
Subject: [162695] Re: Michigan QRP Net Dec 9th
Message-ID: <0F56276C79.0A2000F5-0N85256DF8.00423A99@gdls.com>
MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii

Mike,
Yep. Conditions were as poor as I can ever remember. Only could hear two
check ins, K8CV and WA8REI. Walt, K8CV, is only 15 miles away and was
barely 599. Ken, WA8REI, is about 100 mile North of here and he was 339 at
best. Both of these guys usually knock the K2 off the desk. I had one of
those, is my antenna still up? flashes.
Ed
AB8DF

<kwike@gdls.com>	"Mike-WB8ICN" <wb8icn@comcas t.net> 12/09/2003 09:46 PM	To: <MIQRPClub@yahoogroups.com>, cc: Subject: Michigan QRP Net Dec 9th
------------------	---	--

Wow Ed, I think I heard you in there and maybe one other...but 80 meters
sure isn't much of a band these last couple of days!

Maybe next week will better and I will still here home to check in.

72's...Mikey, WB8ICN

Date: Wed, 10 Dec 2003 07:42:01 -0500
From: Alex <kr1st@amsat.org>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [162696] Re: Speaking of bargains
Message-ID: <3FD71499.BA60BAA2@amsat.org>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Thomas Lewis wrote:

> I was looking for some wire to tie to the end of my new MFJ 33 ft. pole. At
> the Home Depot I found bell wire, 3 #20, marked down from 17 cents to one
> penny per foot. So I took a buck's worth. 300 ft. of wire for a buck.
> Thats a bargain.

I was there a few weeks ago and they told me they're getting over 500
new items in for that department, so they wre making deals to clear the
shelves. I got a spool of 500ft RG-59 (white, with the foil & braid
shield) for \$10. I needed 30ft for a 160 receiving antenna, so I guess I
can build a few more now. :)

73,
--Alex KR1ST
<http://www.kr1st.com>

Date: Wed, 10 Dec 2003 05:50:28 -0700 (MST)
From: Karl Larsen <k5di@zianet.com>
To: "George, W5YR" <w5yr@att.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [162697] Re: FOX: What an Evening!
Message-ID: <Pine.LNX.4.44.0312100548340.4692-1000000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 9 Dec 2003, George, W5YR wrote:

> Well, I finally fell from grace in not working both of the Foxii tonight,
> but at least I got Ron (I think!). Band was absolutely stinko here. I heard
> K5TR one time but right back into the noise. I finally caught Ron at 0343 on
> a QSB peak and copied his exchange. Then as I was giving mine, some QRO
> decided to call CQ. Repeated my stuff and heard Ron say R so I hope I am in
> the log.

>
> Absolutely the worst conditions tonight that I have ever heard in a Fox
> Hunt, Obviously, the Truffle was non-existent here.

I looked but never heard the Truffle either. Maybe there wasn't one?

>
> Hope others did a lot better!
>

Looks like some guys got 2 pelts.

> 73, George W5YR
> w5yr@att.net
>
>

--

- Karl Larsen k5di Las Cruces, NM Az ScQRPions -

Date: Wed, 10 Dec 2003 05:44:06 -0800 (PST)
From: Lloyd Lachow <llachow@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [162698] Re: FOX: What an Evening!
Message-ID: <20031210134406.45328.qmail@web41007.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- "George, W5YR" <w5yr@att.net> wrote:
> Absolutely the worst conditions tonight that I have
> ever heard in a Fox
> Hunt, Obviously, the Truffle was non-existent here.

The amazing thing is, here in MD, all seemed fine until about 0220 or so - then the RF-impermeable curtain drifted down.

LL

=====

73, 72 es oo, Lloyd, K3ESE - Reisterstown, Maryland
KX1#11 - multiPIG+#14 - K1#379 - 20/40M RockMites
EDZ - Longwahr - Begali Magnetic Classic Paddles
ARRL - ARS - QRParci - QCWA - FISTS #8774
FPQRP #476 - QRP-L - BORG #2
Fun = Skill / Power ! 8^D

Do you Yahoo!?
New Yahoo! Photos - easier uploading and sharing.
<http://photos.yahoo.com/>

Date: Wed, 10 Dec 2003 09:30:18 -0500
From: "AI2Q" <ai2q@adelphia.net>
To: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [162699] FS: Rat Shack DSP40 dsp "speaker"
Message-ID: <001a01c3bf2a\$23c43a20\$6401a8c0@hq.cmp.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

For sale: 1 ea. radio Shack Model DSP40 dsp-equipped "loudspeaker" (p/n 21-543). Never used, in original box and packing material. Works FB. \$28 plus shipping.

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L #687
<http://users.adelphia.net/~alexmm/ai2q.htm>

..-.-

Date: Wed, 10 Dec 2003 09:36:23 -0500
From: "AI2Q" <ai2q@adelphia.net>
To: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [162700] RS DSP40
Message-ID: <001c01c3bf2a\$fca7e8a0\$6401a8c0@hq.cmp.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The Radio Shack DSP40 I'm offering was never "used," in an application! It was tested and put back in the box. :-)

Thus the "Never used" description in my prior e-mail. My apology to anyone sensitive to my early morning fuzzy description.

Anyhoo, it's still \$28 plus shipping.

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L #687
<http://users.adelphia.net/~alexmm/ai2q.htm>

.-.-.

Date: Wed, 10 Dec 2003 08:44:45 -0600
From: Jim Giammanco <giamman@rouge.phys.lsu.edu>
To: qrp-l@lehigh.edu
Subject: [162701] sQRPions mini paddle - close spacing mod
Message-ID: <3.0.1.32.20031210084445.008cfa10@baton.phys.lsu.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I've not finished the last sanding and polishing steps, but I've loosely assembled the paddles. See <<http://www.qsl.net/n5ib>> for pics of the close-spaced-fingerpieces mod. The link to keys and paddles is at the lower right on the main page. Then again on the lower right of the next page for the link to these photos.

I considered originally using countersunk screws, but feared weakening the plastic at that point. There's enough clearance in the version pictured to even slip a brass flat washer between the screw head and the plastic.

Chuck Adams, K7QO, yesterday suggested how this might be done by carefully filing. See the QRP-L archives...

72
Jim N5IB

Date: Wed, 10 Dec 2003 08:55:18 -0500
From: "Prof. Arnaldo Coro Antich" <coro@enet.cu>
To: <ARDUJENSKI@aol.com>
Cc: <qrp-l@LeHigh.edu>
Subject: [162702] Re: Antenna (and 50 dB issue)
Message-ID: <000601c3bf2d\$cd0694e0\$02000a0a@arnaldo>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Dear amigo:

You describe the T2FD or TTFD as an "infamous antenna", and that is a mistake !!!

The TTFD in even its original version with a 390 or 400 ohm terminating resistor, and using the formula $100/\text{lowest frequency of operation}$ for calculating the length of the antenna, and $3/\text{lowest frequency of operation}$ for the separation between wires, is a COMPROMISE antenna system, very useful for some specific applications.... The mucho mas modern yes, much more modern design (computer optimized ...) with a 800 to 900 ohm terminating resistor and even less separation between the upper and lower wires works very well and you can see all the data at www.cebik.com , if you don't believe me.

I ran a lot of tests, not only with different antenna modeling software, but also in actual practice, and all I can say is that the up to date design of the T2FD is a very useful one for many applications...

One must admit that on frequencies where the antenna is less than $1/2$ of a wavelength long, it will be introducing expected losses...but, that's a small price to pay for a single download, a single antenna and a really wide coverage, plus the fact that your T2FD will in many instances fit where other antennas for the lowest planned operating frequencies won't !!!

My 14 meters long (about 44 feet) T2FD with separation of 30 centimeters (12 inches) between the two wires, 820 ohms 20 watts non inductive terminating resistor and a homebrew 12 to 1 balun works extremely well from 30 meters up, and provides a nice 40 meters band antenna that may perhaps be about one S unit, or maybe less than one S unit down from a full size half wave single band 7 MHz dipole...

I do use the TTFD or T2FD a lot for scanning the bands, and also for short wave listening... it is a nice looking antenna, costs little to homebrew, and connected to the antenna tuner all my radios like it.. Without the antenna tuner, the maximum SWR I see is about 2.5 to 1 on some specific frequencies, and my vacuum tube radios finals can take it easily... On many frequencies the SWR is much less so I can carefully connect my solid state radios to it, watching the SWR !!!

Although some antenna gurus will object to this statement , my perception is that the TTFD picks up much less noise than my half wave wire dipoles, my EDZ and of course my verticals !!!

72 and DX

YOur friend in Havana

Arnie Coro

C02KK

----- Original Message -----

From: <ARDUJENSKI@aol.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Tuesday, December 09, 2003 11:06 PM

Subject: Antenna (and 50 dB issue)

> I ran a series of EZNEC models and unable to get more than 12 dBi
variation
> with a wide range of antennas without directors or reflectors. The
infamous
> T2FD antenna was only down -16dBi on 160m. I am curious how the -50dB
figure is
> being determined?
>
> Alan KB7MBI in Woodinville, WA
> FISTS 5702 / ARS / Proud member of ARRL
> --- --- --- --- DIT DIT

Date: Wed, 10 Dec 2003 09:00:34 -0600
From: "rattray" <rattray@accesscomm.ca>
To: <n2go@arrl.net>, "QRP-C" <qrp-canada@neale.gpfn.sk.ca>,
"QRP-L" <qrp-l@Lehigh.EDU>
Subject: [162703] RE: Pic-El kit?
Message-ID: <000001c3bf2e\$5fef5a0\$7900a8c0@Bonnie>
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: 7bit

Last word I got two days ago was that the kit is being worked on...so
I'm checking the web site daily and reading lessons 1,2 & 3 in the
meantime...72 - Bruce ve5rc/ve5qrp

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf
Of n2go@arrl.net
Sent: Tuesday, December 09, 2003 7:21 PM
To: Low Power Amateur Radio Discussion
Subject: Pic-El kit?

Is this available?

73,

Jim n2go

Date: Wed, 10 Dec 2003 10:19:24 -0500
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "Low Power Amateur Radio Discussion" <grp-l@Lehigh.EDU>
Subject: [162704] RE: LAB, Sulfated plates.
Message-ID: <721D3436A7C2B344A301FD4A413C71A901735854@kosh.arrlhq.org>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

I have had a number of auto batteries that sat around for too long and =
they wouldn't draw any current from the charger. My presumption is that =
they have become somewhat sulphated. I had some results by connecting =
the battery to a 10A variable voltage supply. I crank the voltage until =
the battery just starts to draw some current, then let it rip up to =
about 10 A for a while. After that, it seems to take a charge in the =
normal fashion.

The real question is whether I still want to use the battery. The last =
thing I need is to be in -10F cold one night and have a battery in my =
truck with only 40% of its original capacity. I have "shocked" =
batteries back to life, but I usually give them a bit of a life test =
first before I decide to acutally use them.

Now, I am lucky, because I have access to all the auto batteries I need. =
In our town, the recycle center accepts old auto batteries. They =
usually take in about 10 a week, and about 20% of them are perfectly =
good. When one of my batteries gets tired, I grab a few of the =
better-looking ones from the recycle bin, take 'em home and see which =
ones take a charge. A cup of coffee to the "Recyling Coordinator" =
usually does it. I haven't bought a battery in years. :-)

73,=20
Ed Hare, W1RFI
ARRL Lab
225 Main St
Newington, CT 06111
Tel: 860-594-0318
Internet: w1rfi@arrl.org
Web: <http://www.arrl.org/tis>

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membership dues, individual contributions and the sale of publications =
and advertising. For more information about ARRL, go to =

<http://www.arrl.org/news/features/inside-your-league.html>. For more =
information about membership, go to <http://www.arrl.org/join.html>. Your =
contribution can also help support ARRL's ongoing efforts to protect =
Amateur spectrum. Go to =
<https://www.arrl.org/forms/development/donations/basic/> to learn more =
about the ways you can support the ARRL programs and activities of most =
importance to you. You can help ARRL protect Amateur Radio for you and =
future generations to enjoy.

> -----Original Message-----

> From: Bill Smith [mailto:billsmith@ispwest.com]

> Sent: Tuesday, December 09, 2003 8:06 PM

> To: Low Power Amateur Radio Discussion

> Subject: Re: LAB, Sulfated plates.

>=20

>=20

> Epsom salts, lemon juice will first improve a weak battery's=20

> performance,

> then the same chemical process will continue to finish it=20

> off. Conclusion:

> bad idea.

>=20

> 73 de Bill, AB6MT

> billsmith@ispwest.com

>=20

>=20

> ----- Original Message -----

> From: Steve Jackman

> To: Low Power Amateur Radio Discussion

> Sent: Tuesday, December 09, 2003 3:55 PM

> Subject: Re: LAB, Sulfated plates.

>=20

>=20

> Years ago I heard of some kind of trick you can do by adding=20

> epsom salts to

> the cells, but I don't recall the procedure. Anybody else=20

> remember this?

> - Steve

>=20

> >

> >

> > Any ideas out there on how to eliminate sulfated plates in=20

> a lead acid

> > battery? Have a couple around that I would like to=20

> restore. Cheers and

> > Merry Holiday's (???) KXBill (W7KXB)

> >

> >

>=20

>=20

Date: Wed, 10 Dec 2003 07:24:38 -0800
From: John Kuklewicz N7ZN <kuk1@cybrquest.com>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [162705] Re: LAB, Sulfated plates.
Message-ID: <3FD73AB6.4040607@cybrquest.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=windows-1252; format=flowed
Content-Transfer-Encoding: 8bit

The chemical EDTA is reported to chemically recover sulfated lead-acid (flooded) batteries.

Link to article lifted from Homepower magazine:
<<http://www.ibiblio.org/pub/academic/environment/alternative-energy/energy-resources/homepower-magazine/archives/29/29p44.txt>>

Article from Trailhead supply (which sells the stuff):
<<http://www.webspawner.com/users/edta/>>

The ad below is from the ads page at Homepower.com:
<http://www.homepower.com/magazine/reader_marketplace.cfm?CFID=1042813&CFTOKEN=43229074>

EDTA RESTORES SULFATED BATTERIES. EDTA tetra sodium salt, \$12/lb. plus \$5 S&H for 1st lb. plus \$1 S&H for each additional lb. Trailhead Supply, 325 E. 1165 N., Orem, UT 84057, (801) 225 3931, email: trailheadsupply@webtv.net, info. at: www.webspawner.com/users/edta. HP9822

Good luck with your batteries.

73;

John N7ZN

Steve Jackman wrote:

>>

>>Any ideas out there on how to eliminate sulfated plates in a lead acid
>>battery? Have a couple around that I would like to restore. Cheers and
>>Merry Holiday's (???) KXBill (W7KXB)

>

Date: Wed, 10 Dec 2003 10:39:16 EST
From: ARDUJENSKI@aol.com
To: coro@enet.cu
Cc: qrp-1@lehigh.edu
Subject: [162706] Re: Antenna (and 50 dB issue)
Message-ID: <cf.edf394.2d089824@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Arnie

By infamous I am reflecting the general tone of comments about the antenna on the various reflector. In review of my previous comments on the T2FD from a few years ago I agree the T2FD has a lot of merits and even with the -16dBi on 160m you are looking at only about 2 S-units reduction. Even more crucial in many instances is the generated lobe pattern. Understanding the pattern and the expected gain one can have reasonable expectations from a particular antenna. As is with all antennas, they are a compromise, especially with multiband antennas....you just can't have your cake and eat it too. Again you raised some very valid points regarding not only the T2FD but antennas in general.

Regarding the earlier issue of the 17ft vertical with a 45ft horizontal wire I have found thru both calculations and experimentation that you get an optimum match in most cases when the horizontal and vertical legs of an Inverted-L are similar in length. For 160m I have found a 33 by 33ft inverted-L is minimal in size for a marginally effective antenna with reasonable impedance characteristics when fed with 300 ohm line. With the 17 by 45ft set up it is actual

adventagous to add a coil to the top of the 17ft vertical wire and shorten the horizontal wire to about 33ft. The coil is about 50-70 turns on 1 inch pvc form to cover 160-10m and 30-50 turns for 80-10m. this gets the loading generally within the range of most auto tuners.

Thanks for the feedback and for those not familiar with the past comments and criticisms on the T2FD do a GOOGLE search in the GROUPS section and you will get a long list of past posts. You will get to see both pro and con feedback.

Regards...Alan KB7MBI

Date: Wed, 10 Dec 2003 09:47:32 -0600

From: KD5NWA <KD5NWA@cbayona.com>
To: k4ahk@ix.netcom.com,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [162707] RE: gel cell question..
Message-ID: <5.2.0.9.0.20031210092439.00a7eba0@127.0.0.1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Our local Walmart have them for less than \$10, I have four of them. I live real close to Walmart corporate headquarters, the stores in our area carry products that are being test marketed, which is good, and my son works for Walmart so we get a 10% discount which is even better.

They also carry a 10 Amp Version for \$19.00, I'm getting one soon to use with my 190 AH Battery which needs to be replaced soon, it has a shorted cell.

At 05:30 AM 12/10/2003, W. K. Harding wrote:

>A good way to charge a lead acid or gel cell is to go to Wall Mart and get
>their 1.5 amp hour battery charger for \$17. This unit was discussed on
>QRP-L earlier this year. I have two of them and they work FB.
>
>Bill - K4AHK
>
>
>> [Original Message]
>> From: Sergio T. Ruiz <sergio@philway.com>
>> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
>> Date: 12/9/2003 9:05:18 AM
>> Subject: gel cell question..
>>
>>
>> although my k1 building will be on hold for about a week (i have the
>filter
>> board and front panel done!) as we finally get to move (woo hoo!) i
>thought
>> i would ask this before i get there..
>>
>> is there any trick to charging those 10ah gel cells i see floating around?
>>
>> i would love to use one to power my k1 in the field, and maybe even while
>i
>> am at home.. so i can keep from turning on a power supply and having yet
>> more cables in the area..
>>
>> this would also give me a good feel for battery life without having to
>> sweat it..
>>

> > thanks in advance..
> >
> > oh! and for the record..
> >
> > i went with 150khz tuning, and 17m...
> >
> > thanks again!
> >
> > ____
> > Sergio T. Ruiz
> > technology and MIS
> > Philway Products, Inc.
> > (419) 281-7777 x232

Cecil
KD5NWA

Date: Wed, 10 Dec 2003 11:00:22 -0500
From: "AI2Q" <ai2q@adelphia.net>
To: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [162708] DSP40 dsp speaker FS is spoken for
Message-ID: <000401c3bf36\$b8161520\$6401a8c0@hq.cmp.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Tks!

Vy 73, AI2Q, Alex

Date: Wed, 10 Dec 2003 11:22:27 -0500
From: "Glen Leinweber" <leinwebe@mcmaster.ca>
To: <aa4xx@bellsouth.net>,
 "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [162709] Re: WB8RCR's PIC tutorial--A class act!
Message-ID: <000401c3bf39\$cd6698c0\$07ea7182@mcmaster.ca>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Paul is right. John not only knows his stuff, but his tutorials

look good and read good. He's obviously put a lotta effort into this.

Judging from the recent thread on C-compiler for the PIC, there are oodles of competent PIC programmers lurking on this list. Seems that participants should get an abundance of expert help.

----- Original Message -----

From: "Paul Stroud" <aa4xx@bellsouth.net>
Sent: Tuesday, December 09, 2003 8:03 PM
Subject: WB8RCR's PIC tutorial--A class act!

> For those of you who are like me and want to learn more about PIC's, we
> now have access to a great resource thanks to WB8RCR's
> "PIC Elmer 160" course sponsored by the AmQRP Club.
[...]

Date: Wed, 10 Dec 2003 11:13:33 -0600
From: George Fremin III <geoiii@kkn.net>
To: qrp-l@Lehigh.EDU
Subject: [162710] FOX: K5TR 9-Dec log - reformatted
Message-ID: <20031210171333.GC12441@kkn.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Here is the log in the standard FOX format.
There were also a few corrections made.

Thanks

0203	N9NE	599	559	WI	TODD	5W
0204	N4ROA	559	559	VA	DAN	5W
0206	AG0T	549	559	ND	TODD	4W
0207	W9XU	559	559	WI	LON	5W
0207	N0UR	559	579	MN	JIM	5W
0208	N3BJ	559	599	VA	ALAN	5W
0208	K8KFJ	539	599	WV	GARY	5W
0209	WA8BXN	559	559	OH	MIKE	5W
0210	K0UU	579	579	MN	JEFF	5W
0210	K0MAX	559	559	MN	MAX	5W
0211	K3ESE	559	559	MD	LLOYD	5W
0212	WA9TZE	559	599	WI	JIM	5W

0212	K2ZN	559	569	NY	AL	5W
0213	KV2X	559	559	NY	TOM	5W
0214	W0UFO	559	559	MN	MERT	5W
0214	NK9G	559	559	WI	RICK	5W
0215	N1TP	579	599	FL	TOM	5W
0216	K6XR	559	559	CA	REGGIE	5W
0217	K5EOA	539	559	LA	WAYNE	5W
0217	WB8YYY	559	559	MD	CURT	5W
0218	K6VNX	579	559	CA	ARLEN	5W
0218	AC7A	579	579	AZ	TOM	5W
0219	KQ6RL	559	599	CA	DAVE	5W
0219	VE4WI	559	559	MB	CRAIG	2W
0220	W9XT	559	559	WI	GARY	5W
0221	K1VP	539	559	NH	ED	5W
0222	K8CV	559	559	MI	WALT	5W
0222	K0PC	559	559	MN	PAT	5W
0223	K9IS	559	559	WI	STEVE	5W
0224	W0ANM	539	559	MN	CHRIS	5W
0226	NK6A	559	559	CA	DON	5W
0226	WB4X	599	559	NC	BRENT	5W
0227	KB2FEL	559	559	WV	BOB	5W
0230	N3ZPQ	559	559	OH	FRANK	4W
0230	WE9K	559	559	WI	GLENN	5W
0234	VE5RC	559	229	SK	BRUCE	5W
0234	N1FN	559	559	CO	ET	5W
0236	KG6WP	559	559	CA	WARD	5W
0237	K7TQ	559	559	ID	RANDY	5W
0237	KJ6CA	579	569	CA	BOB	2W
0238	K4BYF	559	559	FL	JACK	3W
0239	N4DD	559	599	TN	DENNIS	5W
0239	N6NU	559	599	CA	ANDY	5W
0240	W7ILW	599	559	AZ	WALT	5W
0241	W4NJK	559	559	CA	CHAS	5W
0242	N9KW	559	599	IL	JOHN	5W
0243	KC1FB	559	559	CT	JIM	5W
0245	W0PWE	539	559	IA	JERRY	5W
0251	W2LJ	559	569	NJ	LARRY	4W
0252	N4HAY	559	559	NC	DICK	2W
0256	W9JOP	559	559	VA	BOB	50mW
0257	AF4AT	559	599	NC	JIM	5W
0300	NN4CW	559	599	GA	GIL	5W
0306	K8MIA	559	559	WV	JIM	5W
0309	K2Q0	559	559	NY	MARK	5W
0310	K01M	559	559	VA	MIKE	5W
0311	AA7EQ	559	559	AZ	BOB	5W
0313	N9AW	539	559	WI	JERRY	5W
0315	N40I	559	559	NC	KEN	5W
0316	AK7Y	559	559	AZ	GREG	5W

0319	W7AQK	559	449	AZ	DAVE	5W
0319	K3PH	579	579	PA	BOB	5W
0322	KB9YIG	559	559	IN	TONY	2W
0323	N5ZE	529	559	TX	LEW	5W
0324	WS4S	559	569	TN	CONARD	5W
0325	NV4V	559	559	KY	PETE	5W
0327	W7KXB	559	549	AZ	BILL	5W
0331	KC9LC	559	559	VA	RANDY	5W
0332	NU0P	599	559	IA	STEVE	5W
0335	K0EVZ	579	599	NM	DOC	4W
0339	KI0II	599	559	CO	RON	5W
0340	N7CQR	559	559	OR	DAN	5W
0340	K5IC	559	559	NM	AUDIE	5W
0342	AD6JY	559	559	CA	DAN	5W
0345	KI0KY	559	559	CO	STEVE	5W
0347	WB8WTU	559	559	OH	DENNIS	5W
0348	W9HL	559	559	IL	RANDY	5W
0349	AB9CA	559	559	AL	DAVE	5W
0350	W9AEM	559	579	WI	JOHN	5W
0350	N0AR	559	559	MN	SCOTT	5W
0355	K9NX	559	579	IN	TIM	5W
0357	AG4PJ	559	559	AL	DAVE	5W
0357	AJ4AY	559	559	AL	JAY	5W
0359	W3DCG	559	599	GA	DARIN	5W
0400	W8RU	xxx	xxx	MI	FOX	5W
0400	K5TR	xxx	xxx	TX	FOX	5W

--

George Fremin III - K5TR
 geoiiii@kkn.net
<http://www.kkn.net/~k5tr>

Date: Wed, 10 Dec 2003 17:20:43 +0000
 From: Chuck Adams <k7qo@commspeed.net>
 To: qrp-1@lehigh.edu
 Subject: [162711] Wilderness Radio KC-1 and OHR WM-1
 Message-ID: <5.2.1.1.0.20031210170737.01d6eab8@mail.commspeed.net>
 Mime-Version: 1.0
 Content-Type: text/plain; charset="us-ascii"; format=flowed

Gang,

I need help on two things.

I have been trying for years to get the KC-1 together and shipped to a member of this list and every time I think I have the assembly manual I can't find it. I need to get this done in the next two days or I'm going to go crazy. Help, please. Email me a copy of the assembly steps and I'll send you a couple of 17F84 PICmicro(tm) for your effort. First person to respond only, unless I need a backup..... I only have a dozen of these. They are not the A version, but not a big deal for the Elmer160 project. I NEED to get the KC-1 out the door ASAP. TIA. Wilderness does not carry the manual online like Elecraft does.

There are two versions of the OHR WM-1 wattmeters. The earliest version is the one with the all clear meter. The last version is the one with the black cover on the bottom 40% or so of the meter. I have the manual for both except the first version is missing pages after 4.

The latest version has the following voltages for the calibrations and I just list them for the alignment and omit the gory details:

10W 2.56V for R6 adjust R9 then 0.8V for R6
1W 0.251V for R6 adjust R15 for full scale of 100mW scale

For the earlier version I am missing the numbers. I got them out a few years ago when Dick Witzke called me for them when he no longer had the manual on his hard drive. Guess what? I guess in a senior moment I put the pages back in the wrong pile.....

Two 2SC799's to the first person to respond direct to me. I'm sure the rest of the group doesn't need these numbers. Or one 16F84 if you prefer.

TIA,

Chuck Adams K7QO k7qo@commspeed.net
<http://www.qsl.net/k7qo> CP-60

Moving to Arizona? Please bring your own water.

Date: Wed, 10 Dec 2003 09:19:41 -0800 (PST)
From: Curt Milton <wb8yyy@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [162712] Re: SQRPion Paddle (Cable Strain Relief Spring)
Message-ID: <20031210171941.52166.qmail@web60802.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Lot's of good ideas! I wonder if someone can collect them and post them someplace (similar to what was done on the 38S) for those of us who will build in round 2 and round 3 -- that will reduce a lot of redundancy on the list later on. Meanwhile I am trying to catch what i can as folk are building, as I suspect the USPS (ok they were short-handing with hoiday) put me at the end of the list.

patient and appreciative,

curt wb8yyy

--- wo7t@juno.com wrote:

>
> Fellow Paddle Builders:
>
> Those of you that are going to use small walkman
> sized stereo
> hookup cable will benefit from a smaller #180 spring
> (\$1.00) from
> Ace Hardware. There's enough spring to make 2 decent
> strain reliefs
>
> 72,
> Mark
> W07T/qrp
>
>

> The best thing to hit the internet in years - Juno
> SpeedBand!
> Surf the web up to FIVE TIMES FASTER!
> Only \$14.95/ month - visit www.juno.com to sign up
today!

Do you Yahoo!?

Free Pop-Up Blocker - Get it now
<http://companion.yahoo.com/>

Date: Wed, 10 Dec 2003 09:12:06 -0800 (PST)
From: Curt Milton <wb8yyy@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [162713] FOX: Idea for Consideration
Message-ID: <20031210171206.2110.qmail@web60807.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Fox - I have always thought of the Fox as a sharp resourceful creature -- and just wondering if we need to give our Foxes some more latitude. My wild idea is to give the fall/winter fox the capability to operate on both 40 and 80 meters changing bands however they want. This would make things more interesting for those within the 40m skip zone, but offer more range (to those foxes who don't have phased verticals) than only operating on 80m. and anticipating/looking for the bandswitches adds to the hunt when we can only hear them on one band! to keep things on even keel - rule would be one qso for hunters to not reduce number of calls in the log.

Just an idea -- we got to use our heads as we deal with a less robust ionosphere. maybe this idea has to wait until next year for consideration, or we select a pair of foxes to give the idea a try.

curt wb8yyy
ocassional fox chaser

--- Lloyd Lachow <llachow@yahoo.com> wrote:
>
> --- "George, W5YR" <w5yr@att.net> wrote:
> > Absolutely the worst conditions tonight that I
> have
> > ever heard in a Fox
> > Hunt, Obviously, the Truffle was non-existent
> here.
>
>

> The amazing thing is, here in MD, all seemed fine
> until about 0220 or so - then the RF-impermeable
> curtain drifted down.
>
> LL
>
> =====
> 73, 72 es oo, Lloyd, K3ESE - Reisterstown, Maryland
> KX1#11 - multiPIG+14 - K1#379 - 20/40M RockMites
>
> EDZ - Longwahr - Begali Magnetic Classic Paddles
> ARRL - ARS - QRParci - QCWA - FISTS #8774
> FPQRP #476 - QRP-L - BORG #2
> Fun = Skill / Power ! 8^D
>
> -----
> Do you Yahoo!?
> New Yahoo! Photos - easier uploading and sharing.
> <http://photos.yahoo.com/>

Do you Yahoo!?
Free Pop-Up Blocker - Get it now
<http://companion.yahoo.com/>

Date: Wed, 10 Dec 2003 10:45:30 -0700
From: "KXBill" <KXB-1@cox.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Cc: <elecraft@mailman.qth.net>
Subject: [162714] Touch-Up paint.
Message-ID: <00a601c3bf45\$67a94120\$76d70344@ph.cox.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

My question for today is:

Is there a source of touch-up paint, such as you find in the various
automotive part stores, that will match the Elecraft and Ten-Tec cabinets?
Thought I would first ask before I spend time down at the local Auto-Zone.
Cheers to all
BillH_w7kxb_

Date: Wed, 10 Dec 2003 11:02:50 -0700
From: Jerry Haigwood <w5jh@swlink.net>
To: chartwell@worldnet.att.net, qrp-1@Lehigh.EDU
Subject: [162715] Re: Hint
Message-ID: <3FD75FCA.943277D4@swlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Marty Hartwell wrote:

> Hi
>
> Something to consider if you loose the spring to you paddle. Even if it
is
> just temporary. Try a spring from a simple click pocket pen. I don't know
> about you but I have
> a lot of those in my junk drawer. It may not be perfect but you can spread
> it out and cut it off and keep trying to get it right.
>
> Marty kd8bj
> ---
> Outgoing mail is certified Virus Free.
> Checked by AVG anti-virus system (<http://www.grisoft.com>).
> Version: 6.0.547 / Virus Database: 340 - Release Date: 12/2/03

Marty,

I originally used a spring from a BIC pen. It was really stiff and not very useful. If you loose your spring, you can buy another 6 (actually 12 since we cut the spring in half) at the local hardware store. Look for a display rack of Century Spring. The springs will be in a little plastic bag. Look for spring C-516. A small bag will cost about \$2.50. There should be six 1 inch long springs. You can cut one in half and have the same spring as we provide. If you want a slightly stiffer spring, cut the spring longer. Cut it about 3/4 inch or so and then try it out. You can always cut more off. If you can't buy any at your local hardware store, we will sell you two 1 inch springs for \$1 + an SASE.

Jerry W5JH
<http://www.swlink.net/~w5jh/brasspaddle.htm>

Date: Wed, 10 Dec 2003 12:03:26 -0600
From: "George, W5YR" <w5yr@att.net>
To: <ARDUJENSKI@aol.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [162716] Re: Antenna (and 50 dB issue)
Message-ID: <004201c3bf47\$e9e5ca80\$0401a8c0@PS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Alan, thanks for a reasoned summary of the TF2D application.
In those applications where SWR bandwidth is the defining goal at the
expense of efficiency, it is a very effective antenna system.

It seems to me, however, that the prime consideration in the design and
implementation of any antenna should be its radiation capabilities: pattern
in three dimensions, "gain" if any, and efficiency (inherent losses in
loading coils, terminating resistors, traps, etc.).

I think that too much emphasis is placed on how well an antenna "matches" or
how well it covers a wide frequency range without any equipment or antenna
adjustments. The trade-off here is convenience for efficiency. In some
applications, it is justified - in others it is not.

I guess it all gets back to the old urban myth that a low SWR makes a good
antenna.

The role of the antenna is to radiate and to gather energy from passing
electromagnetic waves. How it is fed is an engineering issue dealing largely
with cost, efficiency and convenience.

I read post after post about antennas of various types and it seems that
always the primary attribute being mentioned is how well they match. This is
probably due to our predilection to use either 50-ohm coax or ladderline of
some sort.

Within reason, any antenna driving point impedance can be matched to any
reasonable transmission line and still have the majority of the available
transmitter power delivered and radiated. So, why not emphasize radiation
efficiency rather than matching convenience?

Some antennas employ matching at the feedpoint - this is most common with
Yagi and driven array antennas with gamma, beta, T and other such matching
devices. Others, such as resonant dipoles, rely upon pruning the antenna
length, and perhaps the feedline as well, to obtain a workable line input

impedance in the near vicinity of the operating frequency. Still others - notably the multiband antennas - use various methods such as stubs or traps to provide a match to 50 ohm coax, for example, or rely upon a low-loss line, such as ladderline, and a tuner in the shack to provide the impedance transformation required.

In all these situations, I feel that primary emphasis should be placed upon the antenna configuration that provides the radiation performance the operator desires. Once an antenna has been chosen with that in mind, then matching becomes a secondary exercise that is usually resolved by any of several well-known means.

For example, I use a pair of 20-meter Extended Double Zepp antennas on 80 - 10 meters. I chose this antenna for its gain on 20 meters and pattern applicability on those bands. The price was a widely varying driving point impedance from band to band since the antenna is not resonant in any amateur band. Fed with ladderline, the antenna is readily tuned with a convenient tuner in the shack Antenna performance first - matching second.

Alan, I am not taking issue with your posting but it seems to me that "you get an optimum match in most cases when the horizontal and vertical legs of an Inverted-L are similar in length . . ." should not be the implied criterion for antenna design. Matching in some cases is primary, as in the case of a resonant dipole fed with coax and used within a narrow frequency range, and is the goal in the system design since the dipole is known to have certain given performance parameters. However, I feel that we should seriously consider the trade-off between antenna performance and the effort required to match to a desired feedline.

Not yanking your chain, Alan, just trying to offer another viewpoint. Having the most effective antenna in the world is of little use if you can't get power to it, so matching is certainly a major consideration. My only point is that it should be secondary rather than primary in the list of requirements.

Keep up the good work! Very interesting data and information.

73, George W5YR
w5yr@att.net

----- Original Message -----

From: <ARDUJENSKI@aol.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Wednesday, December 10, 2003 9:39 AM

Subject: Re: Antenna (and 50 dB issue)

> Arnie

> By infamous I am reflecting the general tone of comments about the antenna
on
> the various reflector. In review of my previous comments on the T2FD from
a
> few years ago I agree the T2FD has a lot of merits and even with
the -16dBi on
> 160m you are looking at only about 2 S-units reduction. Even more crucial
in
> many instances is the generated lobe pattern. Understanding the pattern
and the
> expected gain one can have reasonable expectations from a particular
antenna.
> As is with all antennas, they are a compromise, especially with multiband
> antennas....you just can't have your cake and eat it too. Again you raised
some
> very valid points regarding not only the T2FD but antennas in general.
>
> Regarding the earlier issue of the 17ft vertical with a 45ft horizontal
wire
> I have found thru both calculations and experimentation that you get an
> optimum match in most cases when the horizontal and vertical legs of an
Inverted-L
> are similar in length. For 160m I have found a 33 by 33ft inverted-L is
minimal
> in size for a marginally effective antenna with resonable impedance
> characteristics when fed with 300 ohm line. With the 17 by 45ft set up it
is actuall
> advantageous to add a coil to the top of the 17ft vertical wire and
shorten the
> horizontal wire to about 33ft. The coil is about 50-70 turns on 1 inch pvc
> form to cover 160-10m and 30-50 turns for 80-10m. this gets the loading
generally
> within the range of most auto tuners.
>
> Thanks for the feedback and for those not familiar with the past comments
and
> criticisms on the T2FD do a GOOGLE search in the GROUPS section and you
will
> get a long list of past posts. You will get to see both pro and con
feedback.
>
> Regards...Alan KB7MBI

Date: Wed, 10 Dec 2003 10:05:28 -0800
From: "Trevor Jacobs" <kg6cyn@softhome.net>

To: thenels@go.com,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [162717] Re: QRP ToTheField 2003 ?
Message-ID: <006d01c3bf48\$32c2e5d0\$38fea8c0@TREVORMAINPC>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey Nelson,

I asked this a while back and didn't get any replies, so my guess is they aren't published yet? If this isn't the case and someone has a link to the scores, I'd also like to see the scores. Was it published in any of the QRP Magazines?

73's Trev - KG6CYN
<http://www.qsl.net/kg6cyn>
----- Original Message -----
From: "Nelson Winter" <thenels@go.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Tuesday, December 09, 2003 2:04 PM
Subject: QRP ToTheField 2003 ?

> Has anyone seen the results from the QRP TTF contest from 2003 printed or posted anywhere?

>

> Nelson Winter

> WB6DWD

>

>

> Less = More

> <http://www.qsl.net/wb6dwd/>

> RM-40/30/20

> QRP-L #2482

>

>

> -----
> Check-out GO.com

> GO get your free GO E-Mail account with expanded storage of 6 MB!

> <http://mail.go.com>

>

>

>

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>

Date: Wed, 10 Dec 2003 13:13:27 -0500
From: Marten T Beels <martentb@goshen.edu>
To: qrp-l@Lehigh.EDU
Subject: [162718] Ft-817 revisions
Message-ID: <1071080007.3fd762472be93@mail.goshen.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8bit

Hello, I understand how to decode the serial numbers of the 817, I'm looking at one from August, 2001 lot 41. (1J41XXXX) I understand, however, that Yaesu made several revisions that included minor fixes. Is there some database of service bulletins or something that states when certain revisions were made?

Thanks for your help,

Marten
KC8HZM

This mail sent through IMP: <http://horde.org/imp/>

Date: Wed, 10 Dec 2003 10:31:03 -0800 (PST)
From: Bob KB2FEL <kb2fel@yahoo.com>
To: Low Power Amateur Radio <qrp-l@lehigh.edu>
Subject: [162719] OT. 2meter animal tracking
Message-ID: <20031210183103.34539.qmail@web60502.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi All,

I have been thinking of working EME and have been listening to the low end of 2 meters (CW and weak signal) sub band. Beside the groups of non ham hunters using two meter HT's, there seems to be some type of beacons on various freg between 144 and 144.5.

The pulse rate is repetitive and each freg has a different pulse rate on it. There is also no CW ID sent from the beacons.

I am assuming the beacon transmissions are from a type of animal tracking system used here in the wilds of the West Virginia Mountains.

Does anyone in the group have any information about

the tracking systems? Am I listening to what I think
I am listening to.
As this is off topic, please respond off list.

72
Bob
KB2FEL/8

Do you Yahoo!?
Protect your identity with Yahoo! Mail AddressGuard
<http://antispam.yahoo.com/whatsnewfree>

Date: Wed, 10 Dec 2003 13:42:45 -0500
From: "Prof. Arnaldo Coro Antich" <coro@enet.cu>
To: <qrp-L@LeHigh.edu>
Subject: [162720] RE: Update of FT-817
Message-ID: <004801c3bf4d\$67a290c0\$02000a0a@arnaldo>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi all !
Does anyone know about any update of the
FT-817 that can be downloaded....
By update I mean new operating ""procedures"", i.e. ""tricks"", and if there
is
any way of improving the firmware of the radio.
72 and DX
Arnie Coro
C02KK

Date: Wed, 10 Dec 2003 13:41:24 -0500
From: "Tom Palmer" <n1tp@swfla.rr.com>
To: <qrp-l@Lehigh.EDU>
Subject: [162721] Re: FOX: Idea for Consideration
Message-ID: <000301c3bf4d\$370d2060\$4f3b0843@swfla.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"

Content-Transfer-Encoding: 7bit

This if not the 1st nor 2nd such suggestion this Winter Season. Someone said good leads come in 3s.

IMHO, a FOX switching back and forth between 40 and 80 meters is not workable and has potential to cause real morale and other problems.

Starting next Winter Season, how about concurrent 2 hour hunts each week on both 40 and 80 with 2 FOXES on 40 and 2 FOXES on 80? How about 2 end-of-season tallies?:
Hounds who bag no pelt on 80 could be in the "40 meters Group"
but each hound who bags at least 1 pelt on 80 could in the "40/80 Group."

Comments?

Tom, N1TP
Naples, FL
(Home from work with a cold)

Date: Wed, 10 Dec 2003 19:37:38 +0100
From: Ingo Meyer DK3RED <dk3red@t-online.de>
To: qrp-l@lehigh.edu
Subject: [162722] Re: Antenna (and 50 dB issue)
Message-ID: <5.2.1.1.1.20031210191943.009e75a0@pop.btx.dtag.de>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hello Alan, KB7MBI, and all others,

>I ran a series of EZNEC models and unable to get more than 12 dBi variation
>with a wide range of antennas without directors or reflectors. The infamous
>T2FD antenna was only down -16dBi on 160m. I am curious how the -50dB
>figure is
>being determined?

First off all, this isn't a joke for april 1th. There is an easy way to show this without any gauge.

First condition: I live in a small town but have an antenna restriction and can't build ANY antenna. So I can connect my brand new super duper

transceiver only to a dummy load. Result -> DX good bye.

Second condition: I live in a small town and have an antenna restriction. But I use the small MicroVert or any antenna like this one. So I can put on my small homemade transceiver these antenna and can work local stations AND DX.

Question: What ist the gain between the first condition and the second one? Yes, right! It's more than 50 dB. Thats all - no mystery.

If you can use a full size 3 element beam for 80 meters, so use it. If you can't use ANY (visible) antenna, use the MicroVert and antennas like this one. ;o))

72/73 de Ingo, DK3RED Don't forget: the fun is the power!

dk3red@t-online.de	http://www.t-online.de/~dk3red
DL-QRP-AG #824	http://www.dl-qrp-ag.de
QRP ARCI #11295	http://www.qrparci.org

Date: Wed, 10 Dec 2003 13:45:41 -0500
From: kwike@gdls.com
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [162723] Re: FOX: Idea for Consideration
Message-ID: <0FA3FD57E9.B345DE47-0N85256DF8.0066D0DD@gdls.com>
MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii

How about one Fox on 40 and the other on 80 for the first hour. Then have the Foxes switch for the second hour. Wonder how many could get four kills in one night?

Ed
AB8DF

Date: Wed, 10 Dec 2003 18:43:59 GMT
From: Wayne_W5KDJ <w5kdj@juno.com>
To: wb8yyy@yahoo.com
Cc: qrp-l@Lehigh.EDU
Subject: [162724] Re: FOX: Idea for Consideration
Message-ID: <20031210.104457.17394.1298324@webmail13.lax.unttd.com>
Mime-Version: 1.0
Content-Type: text/plain

I would think that might be a little to much for most. Lot of guys don't have 80m antennas or equipment and coverage is poor. I would like to suggest that the FOX's just QSY within a 10kc range when they want to, limited to say 2 times per hunt. After all it is a FOX HUNT.

Wayne_W5KDJ

Ex: SV0WWW_TF2WJN CW Only

ARS_1392 ARCI_11325 FP_626 e-QSL

FISTS_10060 SOC_538 ARRL HQRP

-- Curt Milton <wb8yyy@yahoo.com> wrote:

Fox - I have always thought of the Fox as a sharp resourceful creature -- and just wondering if we need to give our Foxes some more latitude. My wild idea is to give the fall/winter fox the capability to operate on both 40 and 80 meters changing bands however they want. This would make things more interesting for those within the 40m skip zone, but offer more range (to those foxes who don't have phased verticals) than only operating on 80m. and anticipating/looking for the bandswitches adds to the hunt when we can only hear them on one band! to keep things on even keel - rule would be one qso for hunters to not reduce number of calls in the log.

Just an idea -- we got to use our heads as we deal with a less robust ionosphere. maybe this idea has to wait until next year for consideration, or we select a pair of foxes to give the idea a try.

curt wb8yyy

ocassional fox chaser

--- Lloyd Lachow <llachow@yahoo.com> wrote:

>

> --- "George, W5YR" <w5yr@att.net> wrote:

> > Absolutely the worst conditions tonight that I
> have

> > ever heard in a Fox

> > Hunt, Obviously, the Truffle was non-existent
> here.

>

>
> The amazing thing is, here in MD, all seemed fine
> until about 0220 or so - then the RF-impermeable
> curtain drifted down.
>
> LL
>
> =====
> 73, 72 es oo, Lloyd, K3ESE - Reisterstown, Maryland
> KX1#11 - multiPIG+14 - K1#379 - 20/40M RockMites
>
> EDZ - Longwahr - Begali Magnetic Classic Paddles
> ARRL - ARS - QRParci - QCWA - FISTS #8774
> FPQRP #476 - QRP-L - BORG #2
> Fun = Skill / Power ! 8^D
>
> -----
> Do you Yahoo!?
> New Yahoo! Photos - easier uploading and sharing.
> <http://photos.yahoo.com/>

Do you Yahoo!?
Free Pop-Up Blocker - Get it now
<http://companion.yahoo.com/>

Date: Wed, 10 Dec 2003 13:49:04 -0500
From: "Tom Palmer" <n1tp@swfla.rr.com>
To: <qrp-l@Lehigh.EDU>
Subject: [162725] Re: Changing the 40m QRP frequency?
Message-ID: <000301c3bf4e\$48be6f20\$4f3b0843@swfla.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

I like 7.060 as a QRP frequency.
It's usually clear and QRM free.

Tom N1TP
Naples, FL.

Date: Wed, 10 Dec 2003 18:50:43 -0000
From: "Dennis Ponsness" <wb0wao@hotmail.com>
To: "QRPL All Members" <qrp-1@Lehigh.EDU>
Subject: [162726] Fw: gacw 40 m qrp proyect
Message-ID: <LAW11-0E25Fk8nmxkl100006fdf@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,

I RX this from another group and thought that you may be interested in the information.

72

Dennis - WB0WAO

----- Original Message -----

From: "uranito" <uranito@infovia.com.ar>
To: "CW REFLECTOR" <cw@mailman.qth.net>
Sent: Wednesday, December 10, 2003 16:40
Subject: gacw 40 m qrp proyect

> GACW 40M QRP Proyect
>
> Hello dear friends:
>
> From the english menu of our web site <http://gacw.no-ip.org> you can
> download
> the graphics, circuits and PCB layouts to build the GACW 40 Receiver and
> or
> GACW 40 Transmitter.
>
> The site is under construction and Juan KG4FSN is working with the english
> translation.
>
> The proyect will be completed with the GACW 40L, a 15 watts TX amplifier,
> RX
> preamp and TR switch, asap.
>
> Muchos saludos
> Best regards
> Alberto U. Silva LU1DZ
> (QSL Manager EA3RE)
> GACW Co-ordinator

> http://gacw.no-ip.org
> gacw@lan.no-ip.org
>
>

Date: Wed, 10 Dec 2003 18:52:03 GMT
From: Wayne_W5KDJ <w5kdj@juno.com>
To: llachow@yahoo.com
Cc: qrp-1@Lehigh.EDU
Subject: [162727] Re: FOX: What an Evening!
Message-ID: <20031210.105243.17394.1298526@webmail13.lax.unttd.com>
Mime-Version: 1.0
Content-Type: text/plain

I never did hear K5TR all nite in Houston. Did work W8RU with 200mw
no problems.

Wayne_W5KDJ
Ex: SV0WWW_TF2WJN CW Only
ARS_1392 ARCI_11325 FP_626 e-QSL
FISTS_10060 SOC_538 ARRL HQRP

-- Lloyd Lachow <llachow@yahoo.com> wrote:

--- "George, W5YR" <w5yr@att.net> wrote:
> Absolutely the worst conditions tonight that I have
> ever heard in a Fox
> Hunt, Obviously, the Truffle was non-existent here.

The amazing thing is, here in MD, all seemed fine
until about 0220 or so - then the RF-impermeable
curtain drifted down.

LL

=====

73, 72 es oo, Lloyd, K3ESE - Reisterstown, Maryland
KX1#11 - multiPIG+#14 - K1#379 - 20/40M RockMites
EDZ - Longwahr - Begali Magnetic Classic Paddles
ARRL - ARS - QRParci - QCWA - FISTS #8774
FPQRP #476 - QRP-L - BORG #2
Fun = Skill / Power ! 8^D

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Date: Wed, 10 Dec 2003 13:55:00 -0500
From: John Sielke <jsielke@pobox.com>
To: qrp-l@lehigh.edu
Subject: [162728] Re: FOX: Idea for Consideration
Message-ID: <3FD76C04.5010706@pobox.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

> My wild idea is
> to give the fall/winter fox the capability to operate
> on both 40 and 80 meters changing bands however they
> want. This would make things more interesting for
> those within the 40m skip zone, but offer more range
> (to those foxes who don't have phased verticals) than
> only operating on 80m.

At the risk of giving it the kiss of death, I think this is a great idea. Maybe even split the hunt into 1 hour 40M and 1 hour 80M, or have one Fox on 40 and one on 80, and then they swap at the 1 hour point.

I think that not only would this give those inside the 40M "skip zone" a shot, but it would utilize 80M CW which is somewhat under utilized. It is one of the first bands the Phone Phreaks point to when justifying expansion of the phone bands.

John W2AGN

Date: Wed, 10 Dec 2003 13:56:44 -0500
From: John Sielke <jsielke@pobox.com>
To: qrp-l@lehigh.edu
Subject: [162729] Re: QRP ToTheField 2003 ?
Message-ID: <3FD76C6C.8060507@pobox.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

> Hey Nelson,
>
> I asked this a while back and didn't get any replies, so my guess is they
> aren't published yet? If this isn't the case and someone has a link to the
> scores, I'd also like to see the scores. Was it published in any of the QRP
> Magazines?
>
> 73's Trev - KG6CYN

Hi Trev,

I have also asked what happened to these scores. Have received no response. Guess it was lost in the big merger.

John W2AGN

Date: Wed, 10 Dec 2003 11:07:59 -0800 (PST)
From: Lloyd Lachow <llachow@yahoo.com>
To: Low Energy Level Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [162730] Re: FOX: Idea for Consideration
Message-ID: <20031210190759.98572.qmail@web41011.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- Tom Palmer <n1tp@swfla.rr.com> wrote:
> Starting next Winter Season, how about concurrent 2
> hour
> hunts
> each week on both 40 and 80 with 2 FOXES on 40 and
> 2 FOXES
> on 80? How about 2 end-of-season tallies?:
> Hounds who bag no pelt on 80 could be in the "40
> meters
> Group"
> but each hound who bags at least 1 pelt on 80 could
> in the
> "40/80 Group."

...it would sure incentivize me to be QRV on 80M,
finally!

Four Foxii to hunt?? Twice the fun!!

72!

LL

=====

73, 72 es oo, Lloyd, K3ESE - Reisterstown, Maryland
KX1#11 - multiPIG+14 - K1#379 - 20/40M RockMites
EDZ - Longwahr - Begali Magnetic Classic Paddles
ARRL - ARS - QRParci - QCWA - FISTS #8774
FPQRP #476 - QRP-L - BORG #2
Fun = Skill / Power ! 8^D

Do you Yahoo!?

New Yahoo! Photos - easier uploading and sharing.
<http://photos.yahoo.com/>

Date: Wed, 10 Dec 2003 13:14:59 -0600
From: "George, W5YR" <w5yr@att.net>
To: "Tom Palmer" <n1tp@swfla.rr.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [162731] Re: FOX: Idea for Consideration
Message-ID: <012e01c3bf51\$e87e66c0\$0401a8c0@PS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

I'll vote for that!

73, George W5YR
w5yr@att.net

----- Original Message -----

From: "Tom Palmer" <n1tp@swfla.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Wednesday, December 10, 2003 12:41 PM
Subject: Re: FOX: Idea for Consideration

> This if not the 1st nor 2nd such suggestion this
> Winter Season. Someone said good leads come in 3s.
>

> IMHO, a FOX switching back and forth between 40
> and 80 meters is not workable and has potential
> to cause real morale and other problems.
>
> Starting next Winter Season, how about concurrent 2 hour
> hunts
> each week on both 40 and 80 with 2 FOXES on 40 and 2 FOXES
> on 80? How about 2 end-of-season tallies?:
> Hounds who bag no pelt on 80 could be in the "40 meters
> Group"
> but each hound who bags at least 1 pelt on 80 could in the
> "40/80 Group."
>
> Comments?
>
> Tom, N1TP
> Naples, FL
> (Home from work with a cold)
>

Date: Wed, 10 Dec 2003 13:16:00 -0600
From: "George, W5YR" <w5yr@att.net>
To: <jsielke@pobox.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [162732] Re: FOX: Idea for Consideration
Message-ID: <013801c3bf52\$0c4f4150\$0401a8c0@PS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Good points, John - let's do it!

73, George W5YR
w5yr@att.net

----- Original Message -----
From: "John Sielke" <jsielke@pobox.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, December 10, 2003 12:55 PM
Subject: Re: FOX: Idea for Consideration

> > My wild idea is
> > to give the fall/winter fox the capability to operate

> > on both 40 and 80 meters changing bands however they
> > want. This would make things more interesting for
> > those within the 40m skip zone, but offer more range
> > (to those foxes who don't have phased verticals) than
> > only operating on 80m.
>
> At the risk of giving it the kiss of death, I think this is a great
> idea. Maybe even split the hunt into 1 hour 40M and 1 hour 80M, or have
> one Fox on 40 and one on 80, and then they swap at the 1 hour point.
>
> I think that not only would this give those inside the 40M "skip zone" a
> shot, but it would utilize 80M CW which is somewhat under utilized. It
> is one of the first bands the Phone Phreaks point to when justifying
> expansion of the phone bands.
>
> John W2AGN
>

Date: Wed, 10 Dec 2003 11:22:50 -0800 (PST)
From: Ron Majewski <bigsky2000@sbcglobal.net>
To: qrp-l <qrp-l@lehigh.edu>, Tom Palmer <n1tp@swfla.rr.com>
Subject: [162733] FOX: W8RU Preliminary Log
Message-ID: <20031210192250.51092.qmail@web80211.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi all,

It was quite a challenging night!

The QRN on 40m was low but so were the signal levels.
I started with the yagi pointing East but only heard
stations from the West. The rate meter quickly
climbed to 70 and I settled in hoping for a big first
hour.

This was not to be. At 0220utc propagation took a
dive. Everyone disappeared. I couldn't hear any
signals for 3kc on either side of me. Definitely a
bad thing.

>From that point on the band was up and down. Hounds
showed up in small bunches with large gaps in between.
K5TR was bouncing from a full S9 to inaudible.

Sorry that I couldn't hand out more pelts.

72/3,

Ron (W8RU).

0201	K6XR	559	559	CA	REGGIE	5W	
0201	KN5L	559	559	TX	JOHN	5W	
0202	KT5V	559	559	TX	DAVID	5W	
0203	KK5LD	559	559	TX	DAN	5W	
0204	W5HNS	559	559	TX	HENRY	5W	
0204	N0TK	559	559	CO	DAN	5W	
0205	KQ5U	559	559	TX	TERRY	5W	
0206	N1FN	559	559	CO	ET	5W	
0206	KI0II	559	559	CO	RON	5W	
0207	K5IC	559	559	NM	AUDIE	5W	
0209	K5PSH	559	559	TX	JERRY	5W	
0209	N5ZE	559	559	TX	LEW	5W	
0211	W5KDJ	559	559	TX	WAYNE	500MW	
0211	AA7EQ	559	559	AZ	BOB	5W	
0212	K5DI	559	559	NM	KARL	5W	
0213	N1TP	559	559	FL	TOM	5W	
0215	K6VNX	559	559	CA	ARLEN	5W	
0217	AB8DF	559	559	MI	ED	5W	
0218	K4BYF	559	559	FL	JACK	4W	
0220	W7ILW	559	559	AZ	WALT	5W	
0222	KQ6RL	559	559	CA	DAVE	5W	
0233	K8CV	559	559	MI	WALT	5W	
0235	W9XT	559	559	WI	GARY	5W	
0240	NK9G	559	559	WI	RICK	5W	
0243	N9NE	559	559	WI	TODD	5W	
0243	AK7Y	559	559	AZ	GREG	5W	
0245	W4NJK	559	449	CA	CHUCK	5W	
0245	AC7A	559	559	AZ	TOM	5W	
0249	WA9TZE	559	349	WI	JIM	5W	
0252	N6NU	559	559	CA	ANDY	5W	
0257	KD4JEZ	559	559	FL	DAVID	5W	
0258	NK6A	559	559	CA	DON	5W	
0301	KG6WP	559	559	CA	WARD	5W	
0310	W7EH	559	559	AZ	BOB	5W	
0311	KG6WP	559	559	CA	WARD	5W	dupe
0320	WA9TZE	559	339	WI	JIM	5W	dupe
0334	K0EVZ	559	579	NM	DOC	4W	
0337	K5E0A	559	559	LA	WAYNE	5W	
0338	AA50	559	559	LA	VERN	5W	
0339	N5IB	559	559	LA	JIM	5W	
0340	W5TB	559	559	TX	DOC	5W	
0342	KD5UDB	559	559	LA	CHRIS	5W	

0343	W5YR	559 559 TX	GEORGE	5W	
0347	K5JHP	559 559 TX	BILL	5W	
0353	K5DW	559 559 TX	DON	5W	
0356	WA9TZE	559 339 WI	JIM	5W	dupe
0400	K5TR	xxx xxx TX	FOX	5W	
0400	W8RU	xxx xxx MI	FOX	5W	

Date: Wed, 10 Dec 2003 12:25:32 -0700
 From: "KXBill" <KXB-1@cox.net>
 To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
 Subject: [162734] Re: Idea for Consideration
 Message-ID: <00e601c3bf53\$61511380\$76d70344@ph.cox.net>
 MIME-Version: 1.0
 Content-Type: text/plain;
 charset="iso-8859-1"
 Content-Transfer-Encoding: 7bit

Curt:
 I like it.
 KXBillH_w7kxb
 ----- Original Message -----
 From: "Curt Milton" <wb8yyy@yahoo.com>
 To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
 Sent: Wednesday, December 10, 2003 10:12
 Subject: FOX: Idea for Consideration

> Fox - I have always thought of the Fox as a sharp
 > resourceful creature -- and just wondering if we need
 > to give our Foxes some more latitude. My wild idea is
 > to give the fall/winter fox the capability to operate
 > on both 40 and 80 meters changing bands however they
 > want. This would make things more interesting for
 > those within the 40m skip zone, but offer more range
 > (to those foxes who don't have phased verticals) than
 > only operating on 80m. and anticipating/looking for
 > the bandswitches adds to the hunt when we can only
 > hear them on one band! to keep things on even keel -
 > rule would be one qso for hunters to not reduce number
 > of calls in the log.

Date: Wed, 10 Dec 2003 14:28:47 -0500
From: "KB0VCC" <KB0VCC@Adelphia.Net>
To: <qrp-1@Lehigh.EDU>
Subject: [162735] Re: OT. 2meter animal tracking
Message-ID: <000b01c3bf53\$d589bb30\$6601a8c0@HPNotebook>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I don't know how off-topic it is, given it's QRM within the spectrum that many of us use. I too hear the same pulses you hear there. I first observed them when I assembled a Ten-Tec 1210 Transverter. Thinking the device itself or some other electronics within the home may be producing it, I just ignored it until I installed a Yaesu FT-100D in my vehicle and started driving around. I'm picking the same thing up on that rig, however I've observed that the signals drastically vary in strength around different parts of town. Perhaps it's a harmonic to some sort of control signal in the ~72 MHz band. I've not bothered to check that out. Anyone know who's spectrum slot that is? According to <http://www.ntia.doc.gov/osmhome/allochrt.pdf> it's "FIXED/MOBILE". Perhaps one of QRP-L's 2m CW gurus knows for certain.

72/73,
Dale

Date: Wed, 10 Dec 2003 11:31:29 -0800
From: "k6xr" <k6xr@bak.rr.com>
To: "Tom Palmer" <n1tp@swfla.rr.com>,
 "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [162736] RE: Changing the 40m QRP frequency?
Message-ID: <FJEMKMMDBHGDJFBIEBAJCEIDDOAA.k6xr@bak.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

This would be a welcome change for this part of the country. 7040/7044 is terrible here

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of Tom Palmer
Sent: Wednesday, December 10, 2003 10:49 AM
To: Low Power Amateur Radio Discussion
Subject: Re: Changing the 40m QRP frequency?

I like 7.060 as a QRP frequency.
It's usually clear and QRM free.

Tom N1TP
Naples, FL.

Date: Wed, 10 Dec 2003 14:33:10 -0500
From: "Tom Palmer" <n1tp@swfla.rr.com>
To: <qrp-1@Lehigh.EDU>
Subject: [162737] Re: FOX: Idea for Consideration
Message-ID: <000301c3bf54\$724ccde0\$4f3b0843@swfla.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

W2AGN offers a good alternative suggestion.
I wonder whether there will enough FOXES who
can switch back and forth between 40 and 80.

I've got no 80 meter antenna now, but I'm already
thinking about an 80 meter sloper - off my tower.
I used to have one of these and it was one heck
of a good antenna: with it I Worked All States QRP
on 80 meters 3 times. I've found 80 to be an excellent
band for QRP QSOs, often as good as 40 & sometimes
better.

Tom, N1TP
Nasples, Florida

Date: Wed, 10 Dec 2003 11:33:34 -0800

From: "Bill Smith" <billsmith@ispwest.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [162738] Re: Antenna (and 50 dB issue) So true!
Message-ID: <002a01c3bf54\$86554880\$0200a8c0@HBC0>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: George, W5YR
To: Low Power Amateur Radio Discussion
Sent: Wednesday, December 10, 2003 10:03 AM
Subject: Re: Antenna (and 50 dB issue)

<snips>

>I guess it all gets back to the old urban myth that a low SWR makes a good
>antenna.

>The role of the antenna is to radiate and to gather energy from passing
>electromagnetic waves. How it is fed is an engineering issue dealing
largely
>with cost, efficiency and convenience.

Absolutely! The role of an antenna is one of an energy coupler with the
atmosphere. The role of the feedline is to transfer energy from a generator
to the antenna, preferably with minimum loss.

>I read post after post about antennas of various types and it seems that
>always the primary attribute being mentioned is how well they match.

Unfortunately, the match of interest is often at the transmitter, but rarely
at the antenna. A good match to the antenna is just as important but is
often ignored.

As an aside, I suspect that as many as 95% of coax connectors at Ham
stations are defective.

As you say...

>Keep up the good work! Very interesting data and information.

>73, George W5YR
>w5yr@att.net

73 de Bill, AB6MT
billsmith@ispwest.com

Date: Wed, 10 Dec 2003 12:43:38 -0700 (MST)
From: Karl Larsen <k5di@zianet.com>
To: Curt Milton <wb8yyy@yahoo.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [162739] Re: FOX: Idea for Consideration
Message-ID: <Pine.LNX.4.44.0312101230380.4692-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 10 Dec 2003, Curt Milton wrote:

> Fox - I have always thought of the Fox as a sharp
> resourceful creature -- and just wondering if we need
> to give our Foxes some more latitude. My wild idea is

As a Fox it sounds interesting. But let's make it a voluntary thing. My last Fox outing for instance was too many Hounds to work at first and then the band died and nothing much happened.

I have an 88 foot dipole I use on 80 meters and 75 meters as net control for a local net. I have not listened to 80 meters at 0330 UTC but will do so soon. There is a heck of a lot of space down there!

So as a strawman rule: The Fox may announce in his message to the QRP-L list that at a time after 0329 UTC he/she intends to move to 3.5040 MHz, and listen 2 KHz higher.

This will perhaps allow closer stations to work the Fox. If others can be around at about 0330 UTC on 3.5040 MHz in the next few days let's see how well this will work.

It's possible 3.5040 is not a good frequency. I will see this evening and might suggest another.

> to give the fall/winter fox the capability to operate
> on both 40 and 80 meters changing bands however they
> want. This would make things more interesting for
> those within the 40m skip zone, but offer more range
> (to those foxes who don't have phased verticals) than

> only operating on 80m. and anticipating/looking for
> the bandswitches adds to the hunt when we can only
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> of calls in the log.

>

> Just an idea -- we got to use our heads as we deal
> with a less robust ionosphere. maybe this idea has to
> wait until next year for consideration, or we select a
> pair of foxes to give the idea a try.

>

> curt wb8yyy
> ocassional fox chaser

>

>

>

>

> --- Lloyd Lachow <llachow@yahoo.com> wrote:

> >

> > --- "George, W5YR" <w5yr@att.net> wrote:

> > > Absolutely the worst conditions tonight that I
> > have

> > > ever heard in a Fox

> > > Hunt, Obviously, the Truffle was non-existent
> > here.

> >

> >

> > The amazing thing is, here in MD, all seemed fine
> > until about 0220 or so - then the RF-impermeable
> > curtain drifted down.

> >

> > LL

> >

> > =====

> > 73, 72 es oo, Lloyd, K3ESE - Reisterstown, Maryland

> > KX1#11 - multiPIG+#14 - K1#379 - 20/40M RockMites

> >

> > EDZ - Longwahr - Begali Magnetic Classic Paddles

> > ARRL - ARS - QRParci - QCWA - FISTS #8774

> > FPQRP #476 - QRP-L - BORG #2

> > Fun = Skill / Power ! 8^D

> >

> >

> > -----

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>

>

> -----
> Do you Yahoo!?
> Free Pop-Up Blocker - Get it now
> <http://companion.yahoo.com/>
>

--

- Karl Larsen k5di Las Cruces, NM Az ScQRPions -

Date: Wed, 10 Dec 2003 14:45:52 -0500
From: "KB0VCC" <KB0VCC@Adelphia.Net>
To: <qrp-1@Lehigh.EDU>
Subject: [162740] Modern keyers w/boatanchors...
Message-ID: <000b01c3bf56\$385827e0\$6601a8c0@HPNotebook>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey gang. I was wondering... I've got a couple of boatanchors that I've mostly been using the straight key with, but occasionally would like to use my keyers with. I've done the in-line relay thing, to isolate the solid-state (2n3906?) from the 80v at the rig's key jack, but have found that there's a speed-limit on the relay. Is it possible to do a solid state solution using just diode(s) forward-biased in series with the keyer? That way the the voltage across the PN junctions of all devices would be divided. Correct??? I know there's switching times to these devices, but it's got to be faster than the relay I've been using (limits me to 30wpm).

Thanks in advance for your insights.
72/73,
Dale

Date: Wed, 10 Dec 2003 11:51:46 -0800 (PST)
From: Lloyd Lachow <llachow@yahoo.com>
To: Low Energy-Level Tired Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [162741] Re: FOX: Idea for Consideration

Message-ID: <20031210195146.11578.qmail@web41011.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- Tom Palmer <n1tp@swfla.rr.com> wrote:
> W2AGN offers a good alternative suggestion.
> I wonder whether there will enough FOXES who
> can switch back and forth between 40 and 80.

As I mentioned before, this would give me the push
I need to become QRV on 80.

The Hunt already gives us a fun reason to improve
our operating skills, and something along these lines
might give more of us a reason to expand to 80, if not
there already. Those of us with monobanders can feel
justified in building a new rig, or two, maybe a new
tuner...and...hanging more wire/aluminum, and...

LL

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Date: Wed, 10 Dec 2003 11:51:49 -0800
From: "Fletcher, Michael" <michael.fletcher@attws.com>
To: <qrp-l@Lehigh.EDU>
Subject: [162742] RE: very short antenna
Message-ID: <72A9AFFC740D1F42BDDA9DBF1EF3EB7002EEEEB5C@WA-MSG07-
BTH.wireless.attws.com>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

Shortest antenna that I've successfully used was a couple of weeks
ago
when I was checking into the Alaska-Pacific Emergency Net on 20 meters.
The tuner settings (MFJ-971) were odd but I was able to match alright,
so
went ahead and checked in. A local ham had to relay me and said I was

very

weak, so I checked my feedline.

Coax to the LDG balun was fine, but my son had gotten angry at me and had=20

shorted out the 450 ohm line across the balun terminals. I was loading just the

shorted balun. I don't think my son will do that again!

72,

Mike KL7IXI/7

Date: Wed, 10 Dec 2003 14:48:39 -0500 (Eastern Standard Time)

From: "Mike WA8BXN" <hubby2k@hotmail.com>

To: <qrp-l@Lehigh.EDU>, <n1tp@swfla.rr.com>

Subject: [162743] Re: FOX: Idea for Consideration

Message-ID: <3FD77897.000009.02636@compaq1500>

MIME-Version: 1.0

Content-Type: Text/Plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Band conditions have been rotten at times. 80 meter hunts are interesting to think about. Last night I got one or two brief moments when I heard my neighbor in Detroit, but did not work him (I'm near Cleveland). At the same time that the hunt began I normally check into the 80 MI QRP net, and last night I heard none of that net; normally many stations there are 599 copy. A couple years ago in the winter hunts I could just about be assured of working both foxes if I waited the whole 2 hours, during that period I would get an opening. Not so this year. So I'm not sure 80 is the answer entirely, but it would be interesting to try out. We used to have two hunts a week, Tuesdays and Thursdays. I would myself like to see each fox on twice, once on each band, and you can only count at most one time working them. That would tend to even out location I think. Maybe list things several ways, 40 only, 80 only, 40/80 count all, 40/80 count one. But two things to remember, (1) its all for fun, and (2) band conditions, weather, and everything else are part of the hunt. Should we try to level the playing field (outlaw more than 2 elements in a beam for example)? Should we try to maximize everyone's success? When band conditions are really poor, I would love to have early spots on frequency posted here. I have had a lot of fun with the hunts, gained some useful skills, and learned much about propogation; two hours of tuning the radio and listening to noise can be a bit frustrating.

73/72 - Mike WA8BXN

Date: Wed, 10 Dec 2003 20:21:20 -0000
From: "Dennis Ponsness" <wb0wao@hotmail.com>
To: "cw_list" <cw@mailman.qth.net>,
"QRPL All Members" <qrp-1@Lehigh.EDU>,
Subject: [162744] New Morse code character
Message-ID: <LAW11-0E25dDnQmzEgb000070c8@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Looks like we will be needing to learn a new character now. Just saw an article on the ARRL website that the ITU is going to adopt a character for the "@" symbol that is used in email addys. They decided on "AC" (.-.-.-) for this. Wonder how long it has been since a character was added?

72/73

Dennis - WB0WAO

Date: Wed, 10 Dec 2003 20:41:50 -0000
From: "Dennis Ponsness" <wb0wao@hotmail.com>
To: <KB0VCC@Adelphia.Net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [162745] Re: Modern keyers w/boatanchors...
Message-ID: <Law11-0E35nlyg35sQt00007053@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Dale,

Couldn't you use a IRF540 N-channel or IRF9540 (now Fairchild SFP9540) P-Channel device? I think they would be able to handle 80v easily as they are rated for 100v. Not sure of the type of keyer that you are using, but you may be able to use one of these as "drivers" from your keyer to your BA rig. I recall reading something about being able to do this at one time, but not sure of the final outcome of it.

72/73

Dennis - WB0WAO

----- Original Message -----

From: "KB0VCC" <KB0VCC@Adelphia.Net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, December 10, 2003 19:45
Subject: Modern keyers w/boatanchors...

>
> Hey gang. I was wondering... I've got a couple of boatanchors that
> I've mostly been using the straight key with, but occasionally would like
> to use my keyers with. I've done the in-line relay thing, to isolate
> the solid-state (2n3906?) from the 80v at the rig's key jack, but have
> found that there's a speed-limit on the relay. Is it possible to do a
> solid
> state solution using just diode(s) forward-biased in series with the
> keyer? That way the the voltage across the PN junctions of all
> devices would be divided. Correct??? I know there's switching
> times to these devices, but it's got to be faster than the relay I've
> been using (limits me to 30wpm).
>
> Thanks in advance for your insights.
> 72/73,
> Dale
>
>
>
>

Date: Wed, 10 Dec 2003 15:52:26 -0500
From: John Sielke <jsielke@pobox.com>
To: qrp-1@lehigh.edu
Subject: [162746] Re: FOX: Idea for Consideration
Message-ID: <3FD7878A.60908@pobox.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

> It's possible 3.5040 is not a good frequency. I will see this
> evening and might suggest another.

The generally accepted 80M QRP Frequency is 3560. Some activity on 3579
also for those rigs with color burst crystals.

John W2AGN

Date: Wed, 10 Dec 2003 14:56:26 -0600
From: "rattray" <rattray@accesscomm.ca>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [162747] FW: Elmer 160 Next step
Message-ID: <000301c3bf60\$16c6d180\$7900a8c0@Bonnie>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="US-ASCII"
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf
Of John J. McDonough
Sent: Saturday, December 06, 2003 10:06 AM
To: Low Power Amateur Radio Discussion
Subject: Re: Elmer 160 Next step

Lesson 3 is a pretty simple one, but 4 and 5 will take a bit more time.
If

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

...omg John, I wish you hadn't said that eh?!...hihihi...72 - Bruce
ve5rc/ve5qrp

Date: Wed, 10 Dec 2003 13:10:19 -0800 (PST)
From: Lee Boulineau <n4mvl@yahoo.com>
To: wb0wao@hotmail.com,
 Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [162748] Re: Modern keyers w/boatanchors...
Message-ID: <20031210211019.18210.qmail@web21205.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

There are Darlington's that can handle any voltage used
by either cathode or grid keying - I'd look at the NTE
site for more details!!

Lee N4MVL

--- Dennis Ponsness <wb0wao@hotmail.com> wrote:
> Dale,
> Couldn't you use a IRF540 N-channel or IRF9540
> (now Fairchild SFP9540)
> P-Channel device? I think they would be able to
> handle 80v easily as they
> are rated for 100v. Not sure of the type of keyer
> that you are using, but
> you may be able to use one of these as "drivers"
> from your keyer to your BA
> rig. I recall reading something about being able to
> do this at one time, but
> not sure of the final outcome of it.
>
> 72/73
>
> Dennis - WB0WAO
>
>
> ----- Original Message -----
> From: "KB0VCC" <KB0VCC@Adelphia.Net>
> To: "Low Power Amateur Radio Discussion"
> <qrp-l@Lehigh.EDU>
> Sent: Wednesday, December 10, 2003 19:45
> Subject: Modern keyers w/boatanchors...
>
>
> >
> > Hey gang. I was wondering... I've got a couple
> of boatanchors that
> > I've mostly been using the straight key with, but
> occasionally would like
> > to use my keyers with. I've done the in-line
> relay thing, to isolate
> > the solid-state (2n3906?) from the 80v at the
> rig's key jack, but have
> > found that there's a speed-limit on the relay. Is
> it possible to do a
> > solid
> > state solution using just diode(s) forward-biased
> in series with the
> > keyer? That way the the voltage across the PN
> junctions of all
> > devices would be divided. Correct??? I know
> there's switching
> > times to these devices, but it's got to be faster
> than the relay I've

> > been using (limits me to 30wpm).
> >
> > Thanks in advance for your insights.
> > 72/73,
> > Dale
> >
> >
> >
> >

Do you Yahoo!?
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Date: Wed, 10 Dec 2003 15:19:42 -0600
From: "Jerry Hall" <lugehall@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [162749] Re: OT. 2meter animal tracking
Message-ID: <BAY9-F27G7XFh9g9Q6C0003fcae@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

The idea that it might be the second harmonic of a 72Mhz transmitter seems reasonable. RC Aircraft use 72 Mhz, here is the frequency list:
<http://www.modelaircraft.org/Comp/frequency.htm>
72,
Jerry - WOPWE

Shop online for kids toys by age group, price range, and toy category at MSN Shopping. No waiting for a clerk to help you! <http://shopping.msn.com>

Date: Wed, 10 Dec 2003 16:20:39 -0500
From: "John Shannon" <jsk3wwwp@alltel.net>
To: "QRP Mail List" <qrp-l@lehigh.edu>
Subject: [162750] Fox Hunting
Message-ID: <000701c3bf63\$76efcb40\$bb842845@alltel.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Since I've joined QRP-L, I've noticed there seems to be a tremendous interest in fox hunting among QRPers. I've never participated myself and in fact know next to nothing about it. I guess I'm basically just a ham who pursues regular ham radio activities (DXing, major contests, county hunting, rag chewing, etc.) using QRP rather than one who goes in for things that are (for the most part) strictly QRP activities like fox hunting, building miniature gear, etc.

Anyway, I think I should put up a page on my web site in my QRP section about fox hunting.

Would one of you fox hunting experts help me write something up? I'll give you full credit as the writer. Don't submit anything yet, just simply let me know if you're interested, and I'll get back to you in a day or two with more details about what I want for the page. If I get several of you responding, I'll start with the earliest emails received and go from there.

Please respond directly and not via the list. That way I'll be sure to get your email.

Thanks.

~~~~~  
73 - John, K3WWP - 100% CW & QRP  
using simple wire antennas.

<http://home.alltel.net/johnshan/>

My website is now in its eighth year  
of operation and includes the following:

DX QSL Routes \*\* Operating Tips  
QRP Rigs Info \*\* CW Contest Calendar  
Daily Propagation Info \*\* Your CW Stories  
Teens and CW \*\* Monthly polls  
Categorized Quality Links \*\* MUCH MORE

If you love Morse Code, please join the  
FISTS club - <http://www.fists.org>  
I'm proud to be FISTS # 2002

~~~~~  

Date: Wed, 10 Dec 2003 13:24:18 -0800 (PST)
From: Jim Cluett <w1pid@yahoo.com>

To: qrp-1@lehigh.edu
Subject: [162751] re. New Morse Character
Message-ID: <20031210212418.25709.qmail@web11609.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I think the new character for @ is pretty
goofy. It's much shorter to send the word "at"
than to send AC. Jim W1PID

Do you Yahoo!?
Protect your identity with Yahoo! Mail AddressGuard
<http://antispam.yahoo.com/whatsnewfree>

Date: Wed, 10 Dec 2003 11:50:36 -0800 (PST)
From: Curt Milton <wb8yyy@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [162752] Re: FOX: Idea for Consideration
Message-ID: <20031210195036.76524.qmail@web60806.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Interesting discussion so far - but everyone seems to
be implying we constrain the fox! Bandchanges occur
all the time in contests and dx operations - and the
fox is trying to maximize his/her score. I would
suggest let the fox move between bands however they
wish. They can announce QSY 80 and then move ...

I was thinking only one pelt per fox - so no incentive
to work both bands - as this reduces number of unique
calls in the log.

By the way, I get no competitive advantage from this
as i have poor antenna characteristics below 40m as my
wire is too low (until i choose to install some
"artificial trees" which may not happen).

The goal i have is to get more stations into the game,
so if they are too close on 40m they will have a shot
on 80m (if they find the fox there when they are
looking). We may limit the number of band changes
during the event, maybe 5 or 6 is a good number? Or
we could just split 1 hour of each, but a thinking fox
would be more fun.

Do you Yahoo!?
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Date: Wed, 10 Dec 2003 16:27:58 -0500
From: Bob Patten <n4bp@bellsouth.net>
To: QRP-L Reflector <qrp-l@lehigh.edu>
Subject: [162753] ScQRPion Paddle Observations
Message-ID: <3FD78FDE.8030308@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1; format=flowed
Content-Transfer-Encoding: 7bit

Just finished mine this afternoon and had a test QSO with K5HDX on 20M.
Pretty slick! The ground wires and silver plated "contacts" seem to
have fixed the problem I always
had with the NorCal kit. And the lacquered brass pieces are very pretty.
The observations:

I found that I didn't need to bother with the Teflon tape around the
pivot screws. Even though the shoulder
washers were a loose fit (as others have reported), once the screw is
secured with a nut under the base, there
is very little slop in the "bearings".

I used the same simple solution as on my NorCal paddle to obtain narrow
spacing between the guitar picks.
I simply mounted the left pick on the Inside of the arm, and the right
one on the outside. As with the NorCal,
the spacing closely matches that on my old trusty Bencher.

I noticed a slight sticking action between each arm and the stop. This
didn't seem to impair my sending,
but was mildly annoying. I removed the stop and used my 220 grit
sandpaper to remove the lacquer from
each side of the stop. This eliminated the "lacquer to lacquer" contact
and seems to have fixed the problem.
Since the sides of the stop are not visible, there is no affect on the
appearance.

For a strain relief on the cable, I used a crimp type spade lug. I
found one whose hole was just big enough
for my cable to slip through and then lightly crimped it. I secured the
spade under the screw that holds the

stop in place.

After reading on QRP-L the method of finding a lost spring, I checked my parts bowl and discovered my spring was missing. Turned out the lights, got on the floor with a flashlight and found it. That little piece sure is easy to lose! I think mine snagged on the non-skid material and then fell onto the floor...

--

73, Bob Patten, N4BP

Plantation, FL

E-Mail: n4bp@arrl.net

Website: <http://www.qsl.net/n4bp>

QRP ARCI #3412 SOC #1 ARS #799

Whiners #6 FISTS #7871

Date: Wed, 10 Dec 2003 13:28:42 -0800
From: "PHILIP DECAIRE" <pedecaire@email.msn.com>
To: <qrp-l@Lehigh.EDU>
Subject: [162754] Re: Modern keyers w/boatanchors...
Message-ID: <000201c3bf64\$a51f1ba0\$46542a43@grape>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Dale -

There are any number of transistors or MOSFETS that can do the job very nicely and that could go hundreds of WPM.

If your keying voltage is positive, then you'd need an NPN or N-channel MOSFET. If its negative,, then you'd need a PNP or P-channel MOSFET. Depending on the setup, you may need a 2nd stage to go between the key and transistor to set up the proper on/off biasing. One easy way to do that is to use an internal 9 volt battery to provide either gate or base bias, and key that with your keyer. Since a MOSFET draws no gate current, a battery lasts its shelf life.

Most of the boatanchors have very small key currents (grid block keying), but measure it first to be sure. Some rigs have you key hundreds of mA! Those will need a beefier transistor (and more base current) than a key circuit that only handles 1 mA or less.

I had to build such a device to operate with an old Kenwood TS-520, which required keying about -100 volts at a mA or so. It worked very well.

72's, Phil WB7AEI

Date: Wed, 10 Dec 2003 16:37:41 -0500
From: "Ron Polityka" <wb3aal@verizon.net>
To: <KXB-1@cox.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [162755] Re: Touch-Up paint.
Message-ID: <004701c3bf65\$d76be380\$0200a8c0@WB3AAL>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Hi Bill,

The Elecraft cabinets are powder coated. I don't think you will find anything to match.

72 and Thanks,
Ron Polityka
WB3AAL
www.n3epa.org/

----- Original Message -----
From: "KXBill" <KXB-1@cox.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, December 10, 2003 12:45 PM
Subject: Touch-Up paint.

> My question for today is:
> Is there a source of touch-up paint, such as you find in the various
> automotive part stores, that will match the Elecraft and Ten-Tec cabinets?
> Thought I would first ask before I spend time down at the local Auto-Zone.
> Cheers to all
> BillH_w7kxb_
>
>

Date: Wed, 10 Dec 2003 16:38:09 -0500
From: John Sielke <jsielke@pobox.com>
To: qrp-l@lehigh.edu
Subject: [162756] Re: Modern keyers w/boatanchors...
Message-ID: <3FD79241.6090101@pobox.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

> Hey gang. I was wondering... I've got a couple of boatanchors that
> I've mostly been using the straight key with, but occasionally would like
> to use my keyers with. I've done the in-line relay thing, to isolate
> the solid-state (2n3906?) from the 80v at the rig's key jack, but have
> found that there's a speed-limit on the relay. Is it possible to do a solid
> state solution using just diode(s) forward-biased in series with the
> keyer? That way the the voltage across the PN junctions of all
> devices would be divided. Correct??? I know there's switching
> times to these devices, but it's got to be faster than the relay I've
> been using (limits me to 30wpm).

Just the thing. Check out:

<http://www.norcalqrp.com/nb6m/tubevx0/nb6mvxo.htm>

John W2AGN

Date: Wed, 10 Dec 2003 15:50:17 -0600
From: "George, W5YR" <w5yr@att.net>
To: <billsmith@ispwest.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [162757] Re: Antenna (and 50 dB issue) So true!
Message-ID: <019a01c3bf67\$9a95a160\$0401a8c0@PS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks, Bill - we try!

73, George W5YR
w5yr@att.net

----- Original Message -----

From: "Bill Smith" <billsmith@ispwest.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Wednesday, December 10, 2003 1:33 PM

Subject: Re: Antenna (and 50 dB issue) So true!

> ----- Original Message -----

> From: George, W5YR

> To: Low Power Amateur Radio Discussion

> Sent: Wednesday, December 10, 2003 10:03 AM

> Subject: Re: Antenna (and 50 dB issue)

>

>

> <snips>

> >I guess it all gets back to the old urban myth that a low SWR makes a good

> >antenna.

>

> >The role of the antenna is to radiate and to gather energy from passing

> >electromagnetic waves. How it is fed is an engineering issue dealing

> >largely

> >with cost, efficiency and convenience.

>

> Absolutely! The role of an antenna is one of an energy coupler with the

> atmosphere. The role of the feedline is to transfer energy from a

> generator

> to the antenna, preferably with minimum loss.

>

> >I read post after post about antennas of various types and it seems that

> >always the primary attribute being mentioned is how well they match.

>

> Unfortunately, the match of interest is often at the transmitter, but rarely

> at the antenna. A good match to the antenna is just as important but is

> often ignored.

>

> As an aside, I suspect that as many as 95% of coax connectors at Ham

> stations are defective.

>

> As you say...

> >Keep up the good work! Very interesting data and information.

Date: Wed, 10 Dec 2003 16:57:12 -0500

From: Peter Burbank <peterlee@qx.net>
To: w1pid@yahoo.com,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [162758] Re: re. New Morse Character
Message-ID: <5.2.0.9.0.20031210164613.00a30090@mail.qx.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 04:24 PM 12/10/2003, Jim Cluett wrote:
>I think the new character for @ is pretty
>goofy. It's much shorter to send the word "at"
>than to send AC. Jim W1PID

I agree Jim. But I guess they are keying visually on the "A" inside the "C".
Another aspect is that
there are so many languages around the globe so that may be the reason for
a universal
character.
73 Pete NV4V

Date: Wed, 10 Dec 2003 16:03:40 -0600
From: "Lew Paceley" <lew@paceley.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Cc: <KB0VCC@Adelphia.Net>
Subject: [162759] Re: Modern keyers w/boatanchors...
Message-ID: <006701c3bf69\$7a8650c0\$6501a8c0@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Hi Dale,
As others have already explained the answer is "yes", there are
solid-state alternatives to your keying relay. I don't have any
cathode keying circuits handy but I have built and used the circuit
promoted by Chuck Olson of Jackson Harbor Press with my grid-block
(negative voltage) keying circuit of my Kenwood TS-820S.

Chuck has (recently?) revived his very reasonably priced kit and you
can see it here:
<http://jacksonharbor.home.att.net/gridblok.htm>

Good luck es have fun!

72/73,
Lew
N5ZE

Date: Wed, 10 Dec 2003 17:14:33 -0500
From: Garey Barrell <k4oah@mindspring.com>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [162760] Re: Modern keyers w/boatanchors...
Message-ID: <3FD79AC9.3040201@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Dale -

Transmitter keying circuits fall into three main categories, at least in the last 70 years or so.

From approximately 1929 to about 1955 or so, most transmitters were cathode keyed, which resulted in Positive keying voltages to ground of up to several hundred volts at up to the full cathode current of the keyed stage(s).

The "modern" tube transmitters began to use grid-block keying which resulted in Negative keying voltages to ground of roughly -50 to -100 volts, but at just a few milliamperes. One of the first transmitters to use grid block keying was the Johnson Ranger. The first units were cathode keyed, but a small chassis was added fairly early that converted it to grid block keying.

When solid state transmitters came along, they used Positive keying voltages (usually at +12V or so) at low currents of just a few milliamps. This includes most QRP gear as well.

So the "rule de thumb" is, early tube gear is cathode keyed (+ to ground), "modern" tube gear is grid block keyed (- to ground), and solid state gear is again (+ to ground).

Many keyers in the 1970's "transition" era offered the ability to key either positive or negative voltages via either separate outputs or internal jumpers.

By the way, before 1929 many transmitters were keyed by switching the

power supply PRIMARY on and off, (USUALLY) with a relay, but not always!

73, Garey - K40AH
Atlanta

Date: Wed, 10 Dec 2003 17:17:27 -0500
From: w9ya <w9ya@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [162761] Re: re. New Morse Character
Message-ID: <200312101717.27746.w9ya@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

On Wednesday 10 December 2003 04:24 pm, Jim Cluett wrote:

> I think the new character for @ is pretty
> goofy. It's much shorter to send the word "at"
> than to send AC. Jim W1PID

Goofy is putting it politely...I just struggled for 5 minutes trying to mode b
iambic paddle this .- -. -. thingy. Ug.

Bob
w9ya

>
> -----
> Do you Yahoo!?
> Protect your identity with Yahoo! Mail AddressGuard
> <http://antispam.yahoo.com/whatsnewfree>

Date: Wed, 10 Dec 2003 16:18:17 -0600
From: "Lew Paceley" <lew@paceley.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [162762] Re: re. New Morse Character
Message-ID: <006b01c3bf6b\$83413340\$6501a8c0@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Jim,
You hit the nail on the head. I'm sure the committee that recommended this character meant well, but duh? I can only assume that @ doesn't translate to a short "at" in other languages and, heaven forbid, non-English speaking operators might have to learn to send an English word ;-)

72/73,
Lew
N5ZE

Date: Wed, 10 Dec 2003 16:16:21 -0600
From: Rob Matherly <jimrob@jetnetinc.net>
To: w1pid@yahoo.com,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [162763] Re: re. New Morse Character
Message-ID: <200312101616.21969.jimrob@jetnetinc.net>
Content-Type: text/plain;
charset="iso-8859-1"
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable

On Wed December 10 2003 3:24 pm, Jim Cluett wrote:

> I think the new character for @ is pretty
> goofy. It's much shorter to send the word "at"
> than to send AC. Jim W1PID

Good point :^)

--=20

=20

72/73/oo - Rob, W0JRM - jimrob@jetnetinc.net - ARRL MEMBER
FPQrp -330; QRPp-I #19; WATPK #1; ARS #1143; Iowa QRP #143
Are you a gun nut? http://groups.yahoo.com/group/gun_nut_hams
"Tact is getting your point across without poking someone with it."

Date: Wed, 10 Dec 2003 17:26:52 -0500
From: "Tom Palmer" <n1tp@swfla.rr.com>
To: <qrp-1@Lehigh.EDU>
Subject: [162764] Re: FOX: W8RU Preliminary Log

Message-ID: <000301c3bf6c\$b62a3b20\$4f3b0843@swfla.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Ron has accomplished the near impossible - what appears to be the 2nd ever error free pre-log. Dupes are not errors.

Tom, N1TP
Naples, FL.

Date: Wed, 10 Dec 2003 16:30:31 -0600
From: dave <hottell@gulftel.com>
To: wb8yyy@yahoo.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [162765] Re: FOX: Idea for Consideration
Message-ID: <3FD79E87.9010603@gulftel.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Curt es Gang,

As someone who has found himself inside the skip zone all too often, I'd like to see some expansion to give a chance to those now prohibited due to propagation. Allowing (or requiring) the fox to work some on 80 in addition to 40 might not solve the problem of the skip zone, but it ought to help.

I'd like to see the limit of one contact per fox per hound maintained. Seems that even now it sometimes requires quite a while to get the pack down to the point where the fox is working simplex and hence giving those using truly QRP rigs (no rit) a chance.

The same applies to the summer 20m hunts. The skip zone there is big and a lot of us were within it last summer.

As I recall, one of the primary motives of the hunts was to give folks a chance to experience different propagation, and allowing direct comparison of the prop on two different bands ought to expand our understanding.

The idea is to bag the fox and learn something of propagation in the process. No need to expand to a 40m class, plus a 80m class, plus a 40/80 class, etc. Each hound bag each fox and keep track of the band on which the fox was worked.

My \$0.02!!

73 de dave
ab9ca

Curt Milton wrote:

> Fox - I have always thought of the Fox as a sharp
> resourceful creature -- and just wondering if we need
> to give our Foxes some more latitude. My wild idea is
> to give the fall/winter fox the capability to operate
> on both 40 and 80 meters changing bands however they
> want. This would make things more interesting for
> those within the 40m skip zone, but offer more range
> (to those foxes who don't have phased verticals) than
> only operating on 80m. and anticipating/looking for
> the bandswitches adds to the hunt when we can only
> hear them on one band! to keep things on even keel -
> rule would be one qso for hunters to not reduce number
> of calls in the log.
>
> Just an idea -- we got to use our heads as we deal
> with a less robust ionosphere. maybe this idea has to
> wait until next year for consideration, or we select a
> pair of foxes to give the idea a try.
>
> curt wb8yyy
> ocassional fox chaser
>

Date: Wed, 10 Dec 2003 14:34:38 -0800 (PST)
From: Lloyd Lachow <llachow@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [162766] Re: re. New Morse Character
Message-ID: <20031210223438.57801.qmail@web41011.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- Lew Paceley <lew@paceley.com> wrote:
I can only
> assume that @ doesn't
> translate to a short "at" in other languages

In Israel, it's called a "strudel." Kinda looks like one...

LL

Do you Yahoo!?
New Yahoo! Photos - easier uploading and sharing.
<http://photos.yahoo.com/>

Date: Wed, 10 Dec 2003 14:51:24 -0800
From: Bob Nielsen <nielsen@oz.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [162767] Re: re. New Morse Character
Message-ID: <20031210225124.GC27705@bob>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

On Wed, Dec 10, 2003 at 04:18:17PM -0600, Lew Paceley wrote:
> Jim,
> You hit the nail on the head. I'm sure the committee that recommended
> this character meant well, but duh? I can only assume that @ doesn't
> translate to a short "at" in other languages and, heaven forbid,
> non-English speaking operators might have to learn to send an English
> word ;-)
>

It shorter than "ampersand". It refreshing to see there is still some official interest in code.

--
Bob Nielsen, N7XY
Bainbridge Island, WA
n7xy (at) n7xy.net
<http://www.n7xy.net>

Date: Wed, 10 Dec 2003 14:57:26 -0800
From: Bob Nielsen <nielsen@oz.net>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [162768] Re: ScQRPion Paddle Observations
Message-ID: <20031210225726.GD27705@bob>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

I see that several folks already have built theirs. I placed my order at 6 AM PST, less than an hour after the announcement hit the reflector and ended up as #53 on the list. I am still waiting for it to show up, hopefully soon.

Bob, N7XY

--
Bob Nielsen, N7XY
Bainbridge Island, WA

n7xy (at) n7xy.net
<http://www.n7xy.net>

Date: Wed, 10 Dec 2003 18:04:31 -0500
From: "Thomas Lewis" <thomas_h_lewis@msn.com>
To: peterlee@qx.net, qrp-1@Lehigh.EDU
Subject: [162769] Re: re. New Morse Character
Message-ID: <BAY5-F22ZUr3CrJRxKZ00004845@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

How do you send an _ underscore?

Tom
K4THL

>From: Peter Burbank <peterlee@qx.net>
>Reply-To: peterlee@qx.net
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: Re: re. New Morse Character
>Date: Wed, 10 Dec 2003 16:57:12 -0500
>
>At 04:24 PM 12/10/2003, Jim Cluett wrote:
>>I think the new character for @ is pretty
>>goofy. It's much shorter to send the word "at"
>>than to send AC. Jim W1PID
>

>I agree Jim.But I guess they are keying visually on the"A" inside the "C".
>Another aspect is that
>there are so many languages around the globe so that may be the reason for
>a universal
>character.
>73 Pete NV4V
>
>

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@\$9.95/month. Sign up now! <http://join.msn.com/?page=dept/dialup>

Date: Wed, 10 Dec 2003 18:04:34 -0500
From: "Walt Amos" <waltk8cvamos@aaaahawk.com>
To: "Qrp-L Mail" <qrp-l@lehigh.edu>
Subject: [162770] Fox: Oh, My, God
Message-ID: <003101c3bf71\$fca1d5e0\$49c83f40@WALTK8CV>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Don't screw with a GOOD THING !

Date: Wed, 10 Dec 2003 15:14:40 -0800 (PST)
From: Bob KB2FEL <kb2fel@yahoo.com>
To: lugehall@hotmail.com,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [162771] Re: OT. 2meter animal tracking
Message-ID: <20031210231440.8239.qmail@web60510.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi Jerry,

Well I checked with a spectrum analyzer and service
monitor. The transmissions are in the 144 to 144.5
range. Nothing in the 72 mhz range.. beside they are
timed pulses with repeatable timing..pulse numbers
like

35 ...2...4...6....15 and then repeat of the pulses.
even space timing. Each freq I find has a different
series of pulses. Nothing that would be in the remote
control area.

Bob

--- Jerry Hall <lugehall@hotmail.com> wrote:

> The idea that it might be the second harmonic of a
> 72Mhz transmitter seems
> reasonable. RC Aircraft use 72 Mhz, here is the
> frequency list:
> <http://www.modelaircraft.org/Comp/frequency.htm>
> 72,
> Jerry - WOPWE
>
>

> Shop online for kids toys by age group, price
> range, and toy category at
> MSN Shopping. No waiting for a clerk to help you!
> <http://shopping.msn.com>
>

Do you Yahoo!?

Protect your identity with Yahoo! Mail AddressGuard
<http://antispam.yahoo.com/whatsnewfree>

Date: Wed, 10 Dec 2003 18:15:53 -0500
From: "Charles W3KC" <w3kc@starpower.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [162772] Re: Modern keyers w/boatanchors...
Message-ID: <002c01c3bf73\$b3ba9680\$ef002c42@w3kc>

Dale, KB0VCC asked:

Subject: Modern keyers w/boatanchors

> Hey gang. I was wondering... I've got a couple of boatanchors that
> I've mostly been using the straight key with, but occasionally would like
> to use my keyers with. I've done the in-line relay thing, to isolate
> the solid-state (2n3906?) from the 80v at the rig's key jack, but have
> found that there's a speed-limit on the relay...

I use a mercury wetted relay driven by a simple solid state interface. The
sealed (enclosed) mercury wetted relay contacts don't stick at high speeds and
can switch appreciable current and voltage. Works FB with the boatanchor rigs

here. The particular relay I use is made by Clare and I see them from time to time at hamfests. Not sure if new ones are available (EPA?).
72 de Chas W3KC

End of QRP-L Digest 3130

